













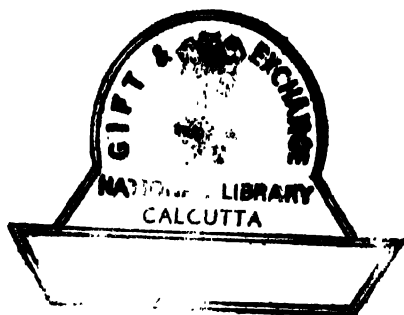
**Council**  
**of**  
**Post-Graduate Teaching**  
**Calcutta University**

**Proceedings of the Councils  
and Executive Committees**

**1918**



**Calcutta University Press**



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# Proceedings of the Council of Post Graduate Teaching in Arts.

FOR THE YEAR 1917-18.

No. 8.

THE 11TH JANUARY, 1918.

## Present :

- The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A.,  
D.L., D.Sc., Ph.D., *President, in the Chair.*  
Pandit Sitikantha Bachaspati.  
Babu Hariprasanna Banerjee, M.Sc.  
Jaygopal Banerjee, M.A.  
Mannathanath Banerjee, M.Sc.  
Muralidhar Banerjee, M.A.  
Dr Pramathanath Banerjee, M.A., D.Sc.  
Prof. D. R. Bhandarkar, M.A.  
Babu Kokileswar Bhattacharyya, M.A.  
Mohinimohan Bhattacharyya, M.A.  
Niranjanprasad Chakrabarti, M.A.  
Prabhatchandra Chakrabarti, M.A.  
Satischandra Chakrabarti, M.A.  
Sunitikumar Chatterjee, M.A.  
Rabindramohan Datta, M.A.  
Sushilkumar De, M.A.  
Sasindrachandra Dhar, M.Sc.  
Phanindralal Ganguli, M.A.  
Surendramohan Ganguli, M.Sc.  
Praphullachandra Ghosh, M.A., B.Sc.  
Satischandra Ghosh, M.A.  
Rajanikanta Guba, M.A.  
Manoranjan Gupta, M.A.  
Narendrakumar Majumdar, M.A.  
Surendranath Majumdar, M.A.  
Maulvi Abu Musa Ahmadul Haqq.  
Babu Khagendranath Mitra, M.A.  
„ Panchandas Mookerjee, M.A.  
„ Radhakamal Mukerjee, M.A.  
Dr. Syamadas Mukerjee, M.A., Ph.D.  
Babu Jitendraprasad Nivogi, M.A.  
Hemchandra Raychaudhuri, M.A.  
Satischandra Ray, M.A.  
„ Bijaykumar Sarkar, A.B.

Vedantabisarad N. S. Anantakrishna Shastri.  
 Babu Asutosh Shastri, M.A.  
 Mahamahopadhyay Laksman Sastri.  
 Pandit Sitaram Sastri.  
 Babu Bipinbihari Sen, M.A.  
 „ Saileswar Sen, M.A.  
 „ Surendranath Sen, M.A.  
 Dr. Narendranath Sengupta, M.A., Ph.D.  
 Shams-ul-Ulama Vilayet Hossain.  
 Prof. H. Stephen, M.A., D.D.  
 The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D.  
 Syed Muhammad Khalil Ahmed, M.A.  
 Mahamahopadhyay Pramathanath Tarkabhusan.  
 Pandit Sivakumar Tarkadarsantirtha.  
 „ Rajendranath Vidyabhusan.  
 Mahamahopadhyay Dr. Satishchandra Vidyabhusan, M.A.,  
 Ph.D.

The Council met to consider the Proceedings of the Executive Committee, dated the 22nd December, 1917, printed copies of which had been previously circulated to all the members.

The President drew attention to the more important resolutions adopted by the Executive Committee.

Professor Bhandarkar moved that the Proceedings of the Executive Committee, dated the 22nd December, 1917, (herewith circulated) be confirmed.

Mahamahopadhyay Dr. Satishchandra Vidyabhusan seconded the motion which was put to the vote and carried.

(Confirmed.)

ASUTOSH MOOKERJEE,  
*President.*

P. BRÜHL,  
*Registrar.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1917-18.

## No. 12.

THE 17TH JANUARY, 1918.

### Present :

The Hon'ble Sir Asutosh Mookerjee, Kt, C.S.I., M.A., D.L., D.Sc., Ph.D.  
*President, in the Chair.*

The Hon'ble Rev. Dr. G. Howells,  
M.A., Ph.D., B.Litt., B.D.

Professor H. Stephen, M.A., D.D.

Mahamahopadhyay Dr. Satishchandra

Vidyabhushan, M.A., Ph.D.

Babu Muralidhar Banerjee, M.A.

The Hon'ble Dr. Abdullah-al-Mamun  
Suhrawardy, M.A., Ph.D.

Maulvi Abu Musa Ahmadul Haq.

Rev. Dr. W. S. Urquhart, M.A., D.Phil.

Professor D. R. Bhandarkar, M.A.

Babu Bipinbihari Sen, M.A.

Dr. Symadas Mukherjee, M.A., Ph.D.

Read the following proceedings of the Board of Higher Studies in Arabic and Persian, dated the 11th January, 1918.

### “RESOLVED—

That the Board recommend that the Board of Examiners for the M.A. Examination in Arabic, 1918, be constituted as follows :—

### (I) INTERNAL EXAMINERS.

1. The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D.
2. Maulvi Abu Musa Ahmadul Haq.
3. Shams-ul-Ulama Maulvi Vilayet Hossain.

### (II) EXTERNAL EXAMINERS.

1. Nawab Imadul Mulk Syed Husain Bilgrami, C.S.I.,  
B.A. (Hyderabad).

2. Shams-ul-Ulama Mufti Md. Abdulla Tonki (Calcutta).
3. Mr. C. A. Storey, M.A. (Aligarh).
4. Syed Abdul Haq Baghdadi (Aligarh).
5. Shams-ul-Ulama Maulvi Amjad Ali, M.A.
6. Shams-ul-Ulama Abu Nasr. Md. Waheed, M.A.

**RESOLVED—**

That the Board recommend that the Board of Examiners for the M.A. Examination in Persian, 1918, be constituted as follows :—

**(I) INTERNAL EXAMINERS.**

1. Maulvi Khalil Ahmad, M.A.
2. Shaik Abu Nasr Gilani.
3. Shams-ul-Ulama Maulvi Vilayet Hossain.
4. The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D.

**(II) EXTERNAL EXAMINERS.**

1. Mr. Z. R. Zahid Suhrawardy, M.A., B.L., Barrister-at-Law.
2. Aga Muhammad Kazim Shirazi.
3. Mr. O. F. Jenkins, I.C.S., Secretary, Board of Examiners.
4. H. E. Sir Davood Khan Miftahos Sultaneh, K.C.M.G.
5. Mufti Anwarul Haqq, M.A., (Bhopal)."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following proceedings of the Board of Higher Studies in History, dated the 14th January, 1918.

"The Board met to consider the arrangements to be made for instruction of students in the new course in Ancient Indian History and Culture, which had received the sanction of the Government of India and would come into operation from the commencement of the ensuing academic session.

**RESOLVED—**

That the work be assigned to the various members of the staff as follows :—

**COMPULSORY PAPERS.**

**PAPER I.**

General History of Vedic and ... Babu Surendragath Majumdar, M.A.  
Epic India.

## PAPERS II and III.

Political History of the Post- ... Babu Hemchandra Raichau-  
 Epic Period. dhuri, M.A.

## PAPER IV.

Historical Geography of ... Babu Surendranath Majumdar,  
 Ancient India. M.A.

**Special Groups.**

## (I) ARCHÆOLOGY.

## PAPER V.

Epigraphy and Palæography ... Prof. D. R. Bhandarkar, M.A.  
 Babu Radhagobinda Basak,  
 M.A.

## PAPER VI.

Fine Arts and Iconography ... Mr. Arun Sen, B.A. (Cantab).

## PAPER VII.

Numismatics ... Babu Anantaprasad Banerjee,  
 M.A.

## PAPER VIII.

Ancient Architecture ... Mr. Arun Sen, B.A. (Cantab).

## (II) SOCIAL AND CONSTITUTIONAL HISTORY.

## PAPER V.

Social Life ... Babu Haranchandra Chakla-  
 dar, M.A.

## PAPER VI.

Economic Life ... Babu Narayanchandra Baner-  
 jee, M.A.

## PAPER VII.

Administration ... Babu Narayanchandra Baner-  
 jee, M.A.

## PAPER VIII.

Ethnology ... Babu Haranchandra Chakla-  
 dar, M.A.



## (III) RELIGIOUS HISTORY.

## PAPERS V AND VI.

Vedic, Epic and Pouranic... Babu Dhireschandra Acharyya,  
Religions. M.A.

## PAPERS VII AND VIII.

Buddhism and Jainism ... Dr. Benimadhab Baruya,  
M.A., D.Litt.

## (IV) ASTRONOMY AND MATHEMATICS.

## PAPERS V—VIII.

Babu Phanindralal Ganguli, M.A.  
„ Narendrakumar Majumdar, M.A.  
„ Prabodhchandra Sengupta, M.A., B.T.  
Pandit Babuya Misra.

## RESOLVED—

1. That Babu Haranchandra Chakladar, M.A. (1897), Professor, Ripon College, be appointed a University Lecturer for a term of three years on a remuneration of Rs. 250 a month.

2. That, subject to the consent of the Government of Bengal, Babu Radhagobinda Basak, M.A., (1907), now Lecturer, Rajshahi College, be appointed a University Lecturer for a term of two years on a remuneration of Rs. 250 a month.

3. That, subject to the consent of the Government of Bengal, Babu Prabodhchandra Sengupta, M.A., B.T., now Lecturer, Bethune College, be appointed a University Lecturer for a term of two years on a remuneration of Rs. 100 a month.

4. That Babu Narendrakumar Majumdar, M.A., of the Department of Pure Mathematics, be granted an additional remuneration of Rs. 100 a month for work in the Department of Ancient Indian History.

5. That Pandit Babuya Misra, now Pandit in the Ancient Indian Astronomical Research Department, be appointed University Lecturer for a term of two years on a salary of Rs. 100 a month (in lieu of the salary now paid to him).

6. That the undermentioned Assistants to the Carmichael Professor be appointed University Lecturers for a term of two years on the remuneration mentioned against the name of each :—

	Rs.
Mr. Arun Sen, B.A. (Cantab) ...	250 a month.
Babu Narayanchandra Banerjee, M.A. ...	200 „
Babu Anantaprasad Banerjee, M.A. ...	200 „

## RESOLVED ALSO—

That each of the Lecturers in the Department of Ancient Indian History and Culture be requested to write out in advance full summaries of the lectures to be delivered by him, with a view to eventual publication, and that the summaries when received be submitted to the Carmichael Professor.

## RESOLVED FURTHER—

That arrangements be made for the early publication of a Volume on the Inscriptions of *Asoka* (for the use of Post-Graduate Students) to be edited by Professor Bhandarkar and Babu Surendranath Majumdar.

## RESOLVED—

That a Scholarship of Rs. 25 a month, tenable for two years, be awarded to the most deserving student in each of the four groups included in the new course on Ancient Indian History and Culture and each of the scholars be required to learn at least one modern language.

## RESOLVED—

That the Executive Committee be requested to make suitable arrangements for the teaching of modern languages to University Lecturers and selected Post-Graduate students.

## RESOLVED—

That the following distribution of work be sanctioned with effect from the commencement of the ensuing academic session :—

Paper I.—(History of England)...	Babu Bipinbihari Sen, M.A.
Paper II.—(Ancient India) ... „	Rameschandra Ma- jumdar, M.A.
Paper III.—(Ancient East) ... „	Gauranganath Baner- jee, M.A.
Paper IV.—(Constitutional History)	Mr. J.N. Das Gupta, B.A. Babu Surendranath Sen, M.A.
Paper V.—(International Law) ... „	A.C. Dutt, M.A., B.C.L.

## HISTORY OF ISLAM.

Mr. S. Khuda Buksh, M.A., B.C.L.  
The Hon'ble Dr. A. Sahrwardy, M.A., Ph.D.

## COMPARATIVE POLITICS.

Babu Bipinbihari Sen, M.A.  
„ Pramathanath Banerjee, M.A.  
„ Nirmalchandra Chatterjee, M.A.

## MODERN INDIA.

Babu Surendranath Sen, M.A.  
„ Indubhushan Banerjee, M.A.

## HISTORY OF REFORMATION.

Mr. K. Zachariah, B.A.

## ECONOMIC HISTORY.

Babu Jogischandra Sinha, M.A.  
Mr. Bijaykumar Sarkar, A.B.

### RESOLVED—

That Babu Indubhushan Banerjee, M.A., and Babu Nirmalchandra Chatterjee, M.A., Assistants to the Carmichael Professor, be appointed University Lecturers for a term of two years on a remuneration of Rs. 200 a month each.

### RESOLVED—

That the revised time-table annexed to the Proceedings be sanctioned.”

### RESOLVED—

That the Proceedings be confirmed.

### RESOLVED FURTHER—

That Mons Alphonse Marie Leonard Vonck be appointed Instructor in Modern Languages for a term of one year on a remuneration of Rs. 200 a month (to assist Post-Graduate Teachers and selected advanced students in acquiring a knowledge of Tibetan, Chinese, German and Dutch).

The Registrar placed before the meeting a travelling allowance bill of Pandit Hargovinda Seth for Rs. 28-2-0 for his journey from Benares to join his appointment as University Lecturer in Sanskrit.

## RESOLVED—

That the amount be paid.

Read a Memo. from the Director of Public Instruction, Bengal, forwarding a copy of his letter No.  $\frac{2A}{14-8-A}$ , dated the 2nd January, 1918, to the Secretary to the Government of Bengal, General Department, on the subject of the co-operation of Professors of Government Colleges other than the Presidency College as University Lecturers in the scheme of Post-Graduate Studies.

## ORDERED—

To be recorded.

Read an endorsement from Principal R. N. Gilchrist, forwarding for favourable consideration, an application from Sarojranjan Ghosh, Fifth-year M. Sc. student in Pure Mathematics, praying for a free studentship.

Read also an endorsement from Mahamahopadhyay Dr. Satishchandra Vidyabhushan forwarding an application from Himansunath Mukhoti, 5th-year M.A. student in Sanskrit praying for a free-studentship.

Read an application from Janakinath Banerjee applying for a free-studentship in the Post-Graduate English 5th-year Class on the ground of straitened circumstances.

## RESOLVED—

That the names of the three applicants be included in the list of free-students and their fees remitted with effect from January, 1918.

Read an application from Bahu Dhirendranath Basu, an Assistant in the Office of the Secretary to the Council of Post Graduate Teaching in Arts, who has been suffering from enteric fever, praying for leave for one month with effect from the 2nd January, 1918, and enclosing a medical certificate in support of his application.

## RESOLVED—

That the application be granted.

The Registrar reported that Babu Rajendralal Maitra, an Assistant in the Office of the Secretary to the Council of Post-Graduate Teaching in Arts, who was ill, was granted leave for 17 days with effect from the 19th November, 1917, in continuation of the Puja Holidays.

**RESOLVED—**

That the action taken be approved.

Read an application from Babu Rajendralal Maitra, an Assistant in the Office of the Secretary to the Council of Post-Graduate Teaching in Arts, whose wife is seriously ill, praying for leave for one month with effect from the 2nd January, 1918.

**ORDERED—**

That the leave asked for be granted without pay.

Read an application from Jyotischandra Ghatak, University Student in Sanskrit, Group I, who after attending a full course of lectures at the University, was registered as a candidate for the last M.A. Examination, but could not sit for it on account of illness, praying that he may be permitted to attend lectures in his subject free during the remainder of the current session, so as to enable him to appear at the ensuing examination as a University student.

**RESOLVED—**

That the application be granted.

Read a memo. from the Registrar, forwarding a copy of letter No. 4830G. dated the 11th December, 1917, from the Director of Public Instruction, Bengal, on the subject of the appointment of Professor Abinashchandra Majumdar, M.A., of the Dacca College as a University Lecturer in Philosophy at Dacca.

**RESOLVED—**

That the matter be postponed pending receipt of information (which had already been asked for by the Registrar) regarding the extent to which Mr. Majumdar was engaged in delivering lectures to under-graduate classes and the time he would be prepared to devote to M.A. teaching if appointed University Lecturer.

Read a letter from Professor C. A. Storey, M.A., of the M. A. O. College, Aligarh, who was offered an Examinership in History for the M.A. Examination, 1918, regretting his inability to accept the appointment on account of the pressure of other work.

**ORDERED—**

To be recorded.

(Confirmed).

ASUTOSH MOOKERJEE,

P. BRÜHL,

*President.*

*Registrar.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1917-18.

## No. 13.

THE 5TH FEBRUARY, 1918.

### Present :

The Hon'ble Sir Asutosh Mukerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,

*President, in the Chair.*

The Hon'ble Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.	Maulvi Abu Musa Ahmadul Haq Professor Brajendranath Seal, M.A., Ph.D.
Professor H. Stephen, M.A., D.D.	Ph.D.
Mahamahopadhyay Dr. Satishchandra Vidyabhusan, M.A., Ph.D.	Professor D. R. Bhandarkar, M.A.
Babu Muralidhar Banerjee, M.A.	Babu Bipinbihari Sen, M.A.
The Hon'ble Dr. Abdullah-ul-Mamun Suhrawardy, M.A., Ph.D.	Babu Satishchandra Ray, M.A. Dr. Syamadas Mukerjee, M.A., Ph.D.

*Read the following Proceedings of the Board of Higher Studies in Pure Mathematics, dated the 19th January, 1918.*

- "The Programme for tutorial work annexed to these Proceedings was approved.

### RESOLVED—

That Babu Mohitmohan Ghosh, M.A., be appointed Tutor for one year on a remuneration of Rs. 150 a month, with effect from the 1st February, 1918."

### RESOLVED—

- That the Proceedings be confirmed.

Read a letter from Mr. Archbold regarding the statement of work done by Babu Abinashchandra Majumdar, M.A., Lecturer, Dacca College.

### RESOLVED—

That the matter be referred to the Board of Higher Studies in Mental and Moral Philosophy.

Read a letter from Professor A. Venis, C.I.E., M.A., D.Litt., of the Allahabad University, who was offered an Examinership in History for the M.A. Examination, 1918, regretting his inability to accept the appointment.

ORDERED—

To be recorded.

Read a letter from Mahamahopadhyay Haraprasad Shastri, C.I.E., M.A., who was offered an Examinership in Sanskrit for the M.A. Examination, 1918, regretting his inability to accept the appointment.

ORDERED—

To be recorded.

Read a letter from Professor C. A. Storey, M.A. of the M. A. O. College, Aligarh, who was offered an Examinership in Arabic for the M.A. Examination, 1918, regretting his inability to accept the appointment on account of the pressure of other work.

ORDERED—

To be recorded.

Read a letter from Sir Davood Khan Miftahos Sultaneh, K. C. M. G., Consul-General of Persia, who was offered an Examinership in Persian for the M.A. Examination, 1918, regretting his inability to accept the appointment as the question must be first referred to his Government which would take some months.

ORDERED—

To be recorded.

Read an application from Babu Dhirendranath Basu, an Assistant in the Office of the Secretary to the Council of Post-graduate Teaching in Arts, who was suffering from enteric fever and was granted leave on full pay for one month with effect from the 2nd January, 1918, praying for an extension of leave for one week with effect from the 1st February, 1918 on the ground that he is still incapable to join the office.

RESOLVED—

That the leave be extended as prayed for.

Read a telegram from Babu Rajendralal Maitra, an Assistant in the Office of the Secretary to the Council of Post-graduate Teaching in Arts, who was granted leave for one month without pay with effect from the 2nd January, 1918 on account of his wife's illness, praying for an extension of leave for a fortnight with effect from the 1st February, 1918.

## RESOLVED—

That the leave be extended as prayed for.

Read a letter from Dr. N. N. Sengupta, M.A., Ph.D., University Lecturer-in-charge of the Department of Experimental Psychology stating that it is inconvenient for the students of the Department to come to the Senate House on week days (excepting Saturday) for the purpose of paying their fees and requesting that arrangements be made for receiving their fees on the last two Saturdays of every month.

## RESOLVED—

That the suggestion be adopted.

Read a letter from Mr. W. A. J. Archbold, M.A., Principal, Dacca College, regarding the re-appointment of Babu Aswini-kumar Mukherjee, M.A., Professor, Dacca College, as University Lecturer in History at Dacca for a term of two years with effect from the beginning of the session 1918-19.

## RESOLVED—

That the matter be referred to the Board of Higher Studies in History.

Read a letter from Babu Praphullachandra Ghosh, M.A., Lecturer, Presidency College and University Lecturer in English, who has been suffering from fever and medically advised for a change of air, requesting that leave up to the 11th March, 1918, may be granted to him.

## RESOLVED—

That the application be granted.

The Registrar placed before the meeting a travelling allowance Bill of Babu Surendranath Sen, M.A. for Rs. 34-4-9 for his journey from Jubbulpur to join his appointment as University Lecturer in History.

## RESOLVED—

That the bill be paid.

Read an endorsement from the Offg. Principal, Presidency College, forwarding with his recommendation an application from Abdul Matin Chaudhury, a 5th-year Philosophy student attached to the Presidency College, praying that his name may be removed from the Rolls of the Presidency College with a view to enable him to continue his studies as a regular student in the University Post-Graduate Classes.



**RESOLVED—**

That the application be granted and that the student be required to state the arrangements made for his residence.

The name of Md. Serazul Dahar was ordered to be included in the list of free students.

**RESOLVED—**

That the following list of holidays during 1918 be prescribed in connection with the delivery of lectures in the Post-Graduate Classes in Arts:

New Year's Day	January 1st, Tuesday.
Sri Panchami	February 15th & 16th, Friday & Saturday.
Convocation Days	March 1st & 2nd, Friday & Saturday.
Easter including Dole Jatra	March 25th to April 2nd, Monday to Tuesday.
Chaitra Sankranti	April 13th, Saturday.
Summer Holidays	April 15th to June 22nd, Monday to Saturday.
Shabebarat	May 26th, Sunday.
King Emperor's Birth Day	(Date to be fixed hereafter).
Dasahara	June 19th, Wednesday.
Id-ul-Fitr	July 10th and 11th, Wednesday and Thursday.
Janmashtami	... August 29th, Thursday.
Eduz-Zoha	... September 17th, Tuesday.
Durga Puja Holidays including Mahalaya, Lakshmi Puja, Kali Puja, Bhratridwitiya, Jagaddhatri Puja and Maharam	... October 4th to November 13th, Friday to Wednesday.
Akheri Chahar Shomba	... December 4th, Wednesday.
Darbar Celebration Day	... December 12th, Thursday.
Fateha Doaz Dahom	... December 17th, Tuesday.
Christmas Holidays	... December 23rd to 31st, Monday to Tuesday.

(Confirmed.)

**ASUTOSH MOOKERJEE,**

*President.*

**P. BRÜHL,**

*Registrar.*

# Proceedings of the Council of Post Graduate Teaching in Arts.

FOR THE YEAR 1917-18.

No. 9.

THE 8TH FEBRUARY, 1918.

## Present:

- The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A.,  
D.L., D.Sc., Ph.D., *President, in the Chair.*
- The Hon'ble Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.  
Pandit Sitikantha Bachaspati.
- „ Gauranganath Banerjee, M.A.  
„ Hariprasanna Banerjee, M.Sc.  
„ Manmathanath Banerjee, M.Sc.  
„ Muralidhar Banerjee, M.A.
- Dr. Pramathanath Banerjee, M.A., D.Sc.  
„ Pramathanath Banerjee, M.A.  
„ Kokileswar Bhattacharyya, M.A.  
„ Prahatchandra Chakrabarti, M.A.  
„ Satischandra Chakrabarti, M.A.  
„ Kalidhan Chatterjee, M.A.  
„ Sunitikumar Chatterjee, M.A.  
„ Durgagati Chatteraj, M.A.
- J. C. Coyajee, Esq., B.A., LL.B.  
Babu Rabinramohan Datta, M.A.  
„ Susilkumar De, M.A.  
„ Surenkramohan Ganguli, M.Sc.  
„ Praphullachandra Ghosh, M.A., B.Sc.  
„ Satischandra Ghosh, M.A.  
„ Rajanikanta Guha, M.A.
- Rev. A. B. Johnston, M.A. (Cantab.)  
Babu Susilkumar Maitra, M.A.  
„ Narendrakumar Majumdar, M.A.  
„ Rameschandra Majumdar, M.A.  
„ Surendranath Majumdar, M.A.
- Maulvi Abu Musa Ahmadul Haqq.  
Babu Khagendranath Mitra, M.A.  
Mr. Khagendranath Mitra, B.A.  
Babu Sailendranath Mitra, M.A.  
„ Bijaygopal Mukerjee, M.A.  
„ Panchanandas Mukerjee, M.A.  
„ Radhakamal Mukerjee, M.A.
- Dr. Syamadas Mukerjee, M.A., Ph.D.  
Babu Jitendraprasad Niyogi, M.A.  
„ Hemchandra Raychaudhuri, M.A.

BMC 2013 Date 3.2.97

Pandit Bahuballabh Sastri.  
 Mahamahopadhyay Laksman Sastri.  
 Pandit Sitaram Sastri.  
 Babu Bipinbihari Sen, M.A.  
 „ Saileswar Sen, M.A.  
 „ Surendranath Sen, M.A.  
 Pandit Haragobinda Set  
 Babu Jogischandra Sinha, M.A.  
 Shaikh Abu Nasr Gilani.  
 Mahamahopadhyay Pramathanath Tarkabhusan.  
 Pandit Sivakumar Tarkadarsantirtha.  
 „ Rajendranath Vidyabhusan.  
 Mahamahopadhyay Dr. Satishchandra Vidyabhusan, M.A.,  
 Ph.D.

The Council met to consider the Proceedings of the Executive Committee, dated the 17th January, and 5th February, 1918, printed copies of which had been previously circulated to all the Members.

The President drew attention to the more important resolutions adopted by the Executive Committee.

Mahamahopadhyay Dr. Satishchandra Vidyabhusan moved that the Proceedings of the Executive Committee, dated the 17th January and 5th February, 1918, be confirmed.

Mr. J. C. Coyajee seconded the motion.

At the request of Pandit Rajendranath Vidyabhusan, the letter of Mahamahopadhyay Haraprasad Sastri mentioned in the Proceedings of the 5th February, 1918 was read out.

Pandit Rajendranath Vidyabhusan urged that the tone of the letter was highly objectionable and proposed that a vote of censure be recorded.

The President observed that although the tone of the letter was objectionable, it would be undignified for the Council to take formal notice of the matter.

Pandit Rajendranath Vidyabhusan thereupon did not further press his motion.

The original motion was then put to the vote and carried unanimously.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

P. BRÜHL,

*Registrar.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1917-18.

## No. 14.

THE 25TH FEBRUARY, 1918.

### Present:

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President, in the Chair.*

The Hon'ble Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.	Maulvi Abu Musa Ahmadul Haq.
Professor H. Stephen, M.A., D.D.	Rev. Dr. W. S. Urquhart, M.A., D.Phil.
Mr. T. S. Sterling, M.A.	Prof. D. R. Bhandarkar, M.A.
Mahamahopadhyay Dr. Satischandra Vidyabhushan, M.A., Ph.D.	Babu Bipinbihari Sen, M.A., B.L.
Babu Muralidhar Banerjee, M.A.	Babu Satischandra Ray, M.A.
The Hon'ble Dr. Abdullah-al-Mamun Suhrawardy, M.A., Ph.D.	Mr. J. C. Coyajee, B.A., LL.B
	Dr. Syamadas Mukerjee, M.A., Ph.D.
	Babu Indubhushan Brahmachari, M.A.

Read the following Proceedings of the Board of Higher  
Studies in Pure Mathematics, dated the 12th February, 1918:—

“RESOLVED—

(1) That the following gentlemen be appointed Post-  
Graduate Teachers in Pure Mathematics for the session 1918-  
19 :—

- Dr. Haridas Bagchi, M.A., Ph.D.
- Babu Hariprasanna Banerjee, M.Sc.
- „ Satischandra Basu, M.A.
- „ Indubhushan Brahmachari, M.A.
- Dr. C. E. Cullis, M.A., Ph.D.
- Babu Sasindrachandra Dhar, M.Sc.
- „ Surendramohan Ganguli, M.Sc.
- „ Satischandra Ghose, M.A.
- „ Manoranjan Gupta, M.A.
- „ Narendrakumar Majumdar, M.A.
- Dr. Syamadas Mukerjee, M.A., Ph.D.

(2) That Babu Mohitmohan Ghosh, M.Sc., be appointed tutor for the session 1918-19 on a remuneration of Rs. 150 a month.

(3) That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :—

Dr. Haridas Bagehi, M.A., Ph.D.	...	Rs. 300
Babu Hariprasanna Banerjee, M.Sc.	...	„ 250
„ Indubhushan Brahmachari, M.A.	..	„ 300
„ Sasindrachandra Dhar, M.Sc.	...	„ 200
„ Surendramohan Ganguli, M.Sc.	...	„ 250
„ Satischandra Ghose, M.A.	..	„ 250
„ Manoranjan Gupta, M.A.	...	„ 225
„ Narendrakumar Majumdar, M.A.	..	„ 250
Dr. Syamadas Mukerjee, M.A., Ph D.	..	„ 500

(4) That, subject to the sanction of the authorities of the Vidyasagar College, an honorarium of Rs. 100 a month be offered to Babu Satischandra Basu, M.A.

RESOLVED—

That the following books be recommended for the M.A. and M.Sc. Examinations :—

## M.A. AND M.Sc. EXAMINATIONS, 1920.

### PURE MATHEMATICS.

NOTE.—It is to be understood that, in the following list of books, wherever a book is recommended for a subject, students are expected to read those parts of the book only which deal with that particular subject :—

#### 1. Higher Algebra—

Chrystal ... Algebra, Part II, Chapters 23-28, 32-34.

C. Smith ... A Treatise on Algebra.

#### 2. Higher Plane Trigonometry—

Hobson ... Plane Trigonometry.

#### 3. Spherical Trigonometry—

Casey ... Spherical Trigonometry.

Todhunter ... Spherical Trigonometry. (Ed. Leathem).

#### 4. Theory of Equations and Algebra of Quantics—

Burnside and Panton ... Theory of Equations.

Glenn ... Theory of Invariants. (Ginn & Co.)

Elliott ... Introduction to the Algebra of Quantics.

### 5. Plane Analytical Geometry including Higher Plane Curves—

Salmon	...	Conic Sections.
Salmon	...	Higher Plane Curves.
Basset	...	Treatise on Cubics and Quartics.

### 6. Geometry of surfaces—

Salmon	...	Geometry of Three Dimensions, 5th Ed., Vol. I, Chs. I-X.
Bell	...	Analytical Geometry of Three Dimensions.
Forsyth	...	Differential Geometry, Chapters I-V.

### 7. Differential Calculus—

Edwards	...	Differential Calculus.
Williamson	...	Differential Calculus.
Goursat	...	Mathematical Analysis, Vol. I (Trans. Hedricks) (Ginn & Co.).

### 8. Integral Calculus—

Williamson	...	Integral Calculus.
Todhunter	...	Integral Calculus.
Goursat	...	Mathematical Analysis, Vol. I (Trans. Hedricks) (Ginn & Co.).

### 9. Differential Equations—

Forsyth	...	Differential Equations.
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### 10. Calculus of Variations—

Bolza	...	Calculus of Variations, Chapters I—III.
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### 11. (a) Theory of Functions—

*Either of the following alternative courses :*

#### A.

MacRobert	...	Functions of a Complex Variable (Macmillan & Co.).
Townsend	...	Functions of a Complex Variable (Henry Holt & Co.).

#### B.

Hobson	...	Theory of Functions of a Real Variable, omitting Chapter III.
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## (b) Theory of Groups—

Miller, Blichfeldt and Dickson	Finite Groups (John Wiley & Sons).
Burnside	... Theory of Groups.
Klein	... Lectures on Icosahedron (Tr. Morrice) Part I only.

## (c) Finite Differences and Calculus of Functions—

Boole	... Finite Differences.
Burn and Brown	... Finite Differences.
Carmichael	... Calculus of Operations.
Herschel	... Examples of Calculus of Finite Differences.
Babbage	... Examples of Functional Equations.
De Morgan	... Calculus of Functions.

## (d) Vector Analysis and Quaternions—

Joly	... Quaternions.
Hamilton	... Elements of Quaternions, Ed. Joly, Vol. I, Books I—II.

## (e) Projective Geometry—

*Either of the following alternative courses :—*

## A.

Mathews	... Projective Geometry.
Durell	... Plane Geometry for Advanced Students, Vol. II.
Cremona	... Projective Geometry.
Hilbert	... Foundations of Geometry (Trans. Townsend) (Open Court Publishing Co.).

## B.

Lobachevski	... Theory of Parallels (Trans. Halsted) (Open Court Publishing Co.).
Bolyai	... Science Absolute of Space. (Trans. Halsted) (Open Court Publishing Co.).
Bouola	... Non-Euclidean Geometry (Trans. Carslaw) (Open Court Publishing Co.).
Carslaw	... Non-Euclidean Geometry and Trigonometry.
Sommerville	... Non-Euclidean Geometry.
Manning	... Geometry of Four Dimensions.

## (f) Theory of Numbers—

Reid	... Theory of Algebraic Numbers.
Mathews	.. Theory of Numbers.
Smith	... Reports on the Theory of Numbers (Collected papers, Vol. I, pp. 38-364.)
Dedekind	... Essays on the Theory of Numbers (Trans. Beman) (Open Court Publishing Co.)."

## RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Pali, dated the 14th February, 1918 :—

## “ RESOLVED—

(1) That the following gentlemen be appointed Post-Graduate Teachers in Pali for the session 1918-19 :—

Prof. D. R. Bhandarkar, M.A.  
 Babu Surendranath Majumdar, M.A.  
 Babu Sailendranath Mitra, M.A.  
 Mahamahopadhyay Dr. Satishchandra Vidyabhushan, M.A., Ph.D.  
 Dr. Benimadhab Baruya, M.A., D.Litt.  
 Babu Radhagobinda Basak, M.A.  
 Babu Nalinaksha Datta, M.A. (Gold Medalist, 1915.)  
 Rajaguru Bhagavanchandra Mahasthvir.  
 Swami Punnananda.  
 Swami Rambukwelle Siddhartha, Sastravisarada Vinayacharya.  
 Swami Kehelwatugoda Ratanajoti.

(2) That Babu Gokuldas De, M.A. (Gold Medalist, 1917) be appointed an Assistant for the session 1918-19 on a remuneration of Rs. 100 a month.

(3) That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :—

Names.	Monthly Salary.
	Rs.
Babu Sailendranath Mitra, M.A.	... 200
Dr. Benimadhab Baruya, M.A., D.Litt.	... 300
Babu Nalinaksha Datta, M.A.	... 200



That as regards the Bhikkus named below, the allowance mentioned against the name of each be sanctioned :

Name.	Monthly Salary.
	Rs.
Rajaguru Bhagavanchandra Mahastavir ...	150
Swami Punnananda ... ..	100
Swami Siddhartha . . . . .	100
Swami Ratanajoti ... ..	100

(4) That subject to the sanction of the authorities of the Sanskrit College, the salary of Mahamahopadhyay Dr. Satis-chandra Vidyabhushan be fixed at Rs. 200 a month.

(5) That the appointment of Swami Punnananda be made on the understanding that he will continue to associate himself with the work of Pali teaching in the Undergraduate classes without additional honorarium.

RESOLVED—

That the following books be prescribed for the M.A. Examination :—

### M.A. EXAMINATION, 1920.

#### PALLI.

#### COMPULSORY PAPERS.

##### *Paper I.*

- (a) Digha Nikaya (P.T.S.) :—  
Brahmajala-Suttanta.  
Samannaphala-Suttanta.  
Sigalovada.  
Ambattha Sutta.
- (b) Majjhima-Nikaya (P.T.S.)  
Vol. I—Suttas 1-15.
- (c) Samyutta-Nikaya (P.T.S.) Vol. I—pp. 1-102.
- (d) Anguttara-Nikaya-Pancakanipata (P.T.S.)—pp. 1-110.

##### *Paper II.*

- (a) Mahavagga of the Vinaya Pitaka (P.T.S.)—pp. 1-156.
- (b) Patimokkha (P.T.S.)
- (c) So-Sor-thar-pa—by Mahamahopadhyay Dr. Satis-chandra Vidyabhushan.

*Paper III.*

- Kaccayana—Pali Grammar.  
 Vuttodaya—ed. C. A. Silakhanda. (Nirnaya Sagar Press, Bombay).  
 Vararuchi—Prakṛita Prakasa.  
 R. G. Bhandarkar—Wilson Philological Lectures.  
 Morris—Notes and queries (on Pali words) J.P.T.S. 1885-87.  
 Grimm's Law—by Mahamahopadhyay Dr. Satishchandra Vidyabhushan.

*Paper IV.*

- Rhys Davids—Buddhist India.  
 Rhys Davids—American Lectures.  
 Mrs. Rhys Davids—Buddhism.  
 Kern—Manual of Buddhism.  
 Spence Hardy—Manual of Buddhism.  
 Oldenberg—Buddha.

Hoernle—Manuscript Remains of Buddhist Literature found in Eastern Turkestan Vol. I (the translations and the notes only.)

## GROUP A. (LITERARY).

*Paper V.*

- (a) 1. Vessantara-jataka (Fausball No. 517).  
 2. Kulavaka-jataka (31).  
 3. Chullabodhi-jataka (143).  
 4. Mahajanaka-jataka (539).  
 5. Umagga-jataka (546).  
 6. Temiya-jataka (538).  
 7. Mahasutasoma-jataka (537).  
 8. Dasaratha-jataka (461).  
 9. Ghata-jataka (454).  
 10. Devadhamma-jataka (6).  
 11. Vidura-pandita-jataka (545).  
 (b) All the Jatakas referred to in Bharaut sculptures so far as they have been identified (Rhys David's Buddhist India, p. 209).  
 (c) Dhammapada Atthakatha (P. T. S.) Vol. II.  
 (d) Petavatthu (P. T. S.) pp. 1-43.  
 (e) Introduction to Rhys David's Buddhist Birth Stories.

*Paper VI.*

- Theri-Gatha with Pārmatha dipani.  
 Thera-Gatha (first half).

Suttanipata—Ed. Fausball (pp. 1-99).  
 Visuddhimagga (Calcutta Buddhist Text Society).  
 Puggalapannatti (P. T. S.)  
 Milindapanho (*Mendakapauha* only pp. 90-188).

*Paper VII.*

1. Inscriptions of Asoka (Senart and Bühler).
2. Piprahwa Stupa Inscription (as in Luder's List of Brahmi Inscriptions, No. 931).
3. Bharaut Stupa Inscriptions (as in Luder's List, Nos. 678-903).
4. Sanchi Stupa Inscriptions (as in Luder's List, Nos. 161-668).

GROUP B. (PHILOSOPHY).

*Paper I.*

Dhammasangani.  
 Tikapatthana.  
 Kathavatthu (P. T. S.) Vol. I. pp. 1-103.

*Paper II.*

Abhidhammattha Sangaha.  
 Netti.  
 Abhidhammavataara.

*Paper III.*

Atthasalini (P. T. S.) (pp. 1-136).  
 Vibhanga (P. T. S.) (pp. 1-150).  
 Dhatukatha (P. T. S.) (pp. 1-100).

GROUP C. (EPIGRAPHY AND HISTORY).

*Paper V.*

Mahavamsa (Chs. 21-37 Geiger's Edition).  
 Sasanavamsa (P. T. S.)  
 Dathavamsa (P. T. S.)

*Paper VI.*

- (1) Inscription of Asoka.
- (2) Hathigumpha Inscription of Kharavela.
- (3) Ramgarh Cave Inscriptions.

*Paper VII.*

- (a) Inscriptions of the Kshaharata and Satavahana Dynasties.
- (b) Inscriptions of the Imperial Guptas.

*Paper VIII.*

Cunningham—Ancient Geography of India.

Reports of the Archæological Survey of India about  
Taxila, and Isipatana.

Yuan Chwang (Dr. Watters) 2 Vols.

## GROUP D. (MAHAYANA LITERATURE AND PHILOSOPHY).

*Paper F.*

Lalita Vistara.

Asvaghosha's Buddhacarita.

*Paper G.*

Madhyamika Sutra with Vritti of Chandrakirti.

Lankavatara Sutra (Calcutta Buddhist Text Society).

Sutralankara—of Asanga edited by Sylvain Levi.

*Paper H.*

Nyayabindu Tika of Dharmottara (A. S. B.)

Sarvadarsanasangraha (Portion dealing with Bud-  
dhism).

Mediaeval School of Indian Logic (Buddhist Logic  
only) by Mahamahopadhyay Dr. Satishchandra  
Vidyabhusan.

*Paper I.*

Thibaut—Sanskrit Grammar.

Macdonell—Sanskrit Grammar."

## RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher  
Studies in Comparative Philology, dated the 14th February,  
1918 :—

## "RESOLVED—

(1) That the following gentlemen be appointed Post-  
Graduate Teachers in Comparative Philology for the session  
1918-19 :—

Prof. I. J. S. Taraporewala, B.A., PH.D.

Mr. K. Amrita Row, M.A.

Babu Bijaychandra Majumdar, B.A.

Babu Sunitikumar Chatterjee, M.A.

(2) That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :—

Names.	Monthly salary.	
	Rs.	
Prof. Taraporewala	...	...
Mr. K. Amrita Row	...	..
Babu Bijaychandra Majumdar	...	...
Babu Sunitikumar Chatterjee	..	...
		500
		300
		100
		50

(3) That Mr. K. Amrita Row, M.A., at present Assistant Professor, Presidency College, Madras, be appointed University Lecturer for a term of three years on the grade Rs. 300-50-400 (plus pension and leave contribution) and that an application be made to the proper authorities for transfer of his services to the University.

RESOLVED—

That the following books be prescribed for the M.A. Examination :—

### M.A. EXAMINATION, 1919 & 1920.

#### COMPARATIVE PHILOLOGY.

Apte, V. S.—A Guide to Sanskrit Composition. (Bombay).

Banerji, R. D.—The History of the Development of the Bengali Alphabet. (Calcutta University).

Belvalkar, Dr. S. K.—Systems of Sanskrit Grammar. (Oriental Book Supplying Agency, Poona).

Bhandarkar, Sir R. G.—Wilson Philological Lectures for 1877. (Bombay).

Breal, M.—Semantics. (Translated by Mrs. Cust.) (Heinemann.)

Bühler, G.—Indian Palæography. (Edited by Fleet)

Chatterji, Basanta Kumar.—Prakrita Prakāśa. (Calcutta).

Clodd, E.—Story of the Alphabet. (Newnes.)

Edmonds, J. M.—Comparative Philology. (Omitting chap. ix.) (Cambridge).

Giles, P.—A Manual of Comparative Philology. (pp. 1-96.) (Macmillan.)

Grierson, G.A.—Linguistic Survey of India, Introductions to the various volumes dealing with the Aryan Languages.

Grierson, G.A.—Phonology of the Indo-Aryan Vernaculars of India. (Reprinted from the German Oriental Society's Magazine, Vol. xlix., 1895, pp. 393ff. and Vol. l-1896, pplff.)

Hoernle, R.H.—A Comparative Grammar of the Gaudian Languages. (Trübner.)

Ihering and Delbruck.—The Evolution of the Aryan. Swan, Sonnenschein.

Imperial Gazetteer of India, vol. I. chap. vii and vol. II. chaps. vi and xi.

Jackson, A.V.S.—Philology, (Pamhlet published by the Columbia University Press.)

Kaegi, A.—Rigveda. (English Translation.)

Kanga, K.E.—Avestā Grammar.

„ Khordeh Avestā bā Māēnī. } (Bombay.)

„ Gāthā bā Māēnī.

Macdonell, A.A.—A Vedic Grammar for Beginners (Oxford).

Mott, F.W.—The Brain and Voice in Speech and Song. (Harper.)

Moulton, J.H.—Early Religious Poetry of Persia. (Cambridge University Press.)

Müller, E.—Pali Grammar. (Trübner.)

Report on the Census of India for 1901. (The Chapter on Languages.)

Stout, G.F.—Groundwork of Psychology. Chap. xiii. (London University Tutorial Press.)

Stout, G.F.—Text book of Psychology, chap. iv. (London University Tutorial Press.)

Strong, H.A., Logemann, W.S., and Wheeler, B.I.—Introduction to the Study of the History of Language. (Longmans.)

Sweet, H.—The History of Language. (Dent).

Tagore, Sir Rabindranath.—Śabdatattva. (Calcutta).

Trivedi, Ramendrasundara,—Śabdakathā. (Calcutta).

Tucker, T.G.—Introduction to the Natural History of Language. (Blackie.)

Uhlenbeck, C.C.—A Manual of Sanskrit Phonetics. (Luzac.)

Shastri, Vidushekhara—Pāli Prakāśa. (Calcutta.)

Vidyanidhi, Jogesh Chandra Roy,—Bāṅgalā Vyākaraṇa. (Bangiya Sahitya Parishad.)

Vietor, W.—Elements of Phonetics. (Dent.)

Whitney, W. D.—Sanskrit Grammar. (Trübner.)

Wright, J.—A Comparative Grammar of the Greek Language. (Oxford)

Encyclopaedia Britannica (11th ed.) :—

The articles on—

Aryan	Accent	Aorist	Behari	Rajasthani
Grammar	Alphabet	Article	Bengali	Sindhi
Indo-Aryan	Dialect	• Augment	Gujarati	Urdu

Indo-European Phonetics		Dative	Hindi (Eastern)	Pahlavi
Jargon	Writing	Infinitive	Hindi (Western)	Persia
Language	Ablative	Paisaci	Marathi	Zoroaster
Philology	Accidence	Pali	Oriya	
Signifies	Accusative	Prakrit	Pahari	
Slang	Adjective	Sanskrit		

Hastings' Encyclopædia of Religion—The article on Aryan Religion.

N. B.—For the purposes of the Comparative Philology of Vedic Sanskrit, the following selections from Avesta which are contained in the books mentioned in the list are also expected to be known :

Ashem Vohu, Gāthā Ahu-Vairya, Yenhe hātam, Kem nā Mazdā ; Yasna—IX, XII, XXVI 1-10, XXIX—XXX, XLIV, LIV, LVII and LX.

Professor Taraporewala laid on the table a scheme for re-constitution of the M.A. Course in Comparative Philology with the following introductory observations :—

“The Syllabus is a re-casting and a re-arranging of this branch of studies. The main object of the course is to develop an interest in the scientific study of the Indian Languages both ancient and modern. For this purpose there has been a splitting in the VIIth Paper into two branches, ancient and modern. All through, an accurate knowledge of Sanskrit has been assumed. The mother-tongue of the candidate is the dialect to be specially studied in historical detail for Papers IV, V and VI. For the present in the list of books, only those relating to Bengali have been set down for this purpose, and as need arises, similar books for the other dialects of India will be laid down. For those choosing the modern branch (in Paper VII), a course of studies in the Elements of Non-Aryan Linguistics has been prescribed.

Candidates are expected to be acquainted with French and German authorities on the subject.

Similar courses for Semetic, Dravidian, Teutonic and Romance Philology may be laid down as needed.”

#### RESOLVED—

That the Board recommend that steps be taken to alter the Regulations, with the sanction of the Government of India, by the substitution of the following Syllabus for that contained in Chap. XXXIII (Pages '194-95) of the existing Regulations :—

“Eight Papers shall be set as follows :—

*Paper I.*

General Principles of Philology and the Science of Language. Psychology of Speech. The History of the Science of Grammar and of Language in India and in the Western lands. The various linguistic areas of the world. The Indo-European family of Languages and its distinguishing features. The I.-E. Languages compared and contrasted with the Isolating, the Agglutinative and the Semetic type of Languages. The various sub-families of the I.-E. with their important sub-divisions and their distinguishing characteristics. The Aryan or Indo-Iranian branch and its important sub-divisions. The distinguishing features of the Aryan branch. The chief linguistic differences between Indian and Iranian Languages. The Indo-Aryan branch contrasted with the other Non-Aryan stocks of India (Dravidian, Kōl or Munda and Mōn-Khmēr, and Tibeto-Chinese). Semantics.

*Paper II.*

Principles of Phonetics. The structure of vocal organs. The production and classification of sounds. The representation of sounds by phonetic alphabets. The chief systems of phonetic alphabets. The causes of sound change. “Dialectic Growth.” “Phonetic Decay”. The sounds of the I.-E. *Ursprache*. The Phonology of Sanskrit and Avesta compared. The history of Sanskrit sounds and of Avesta sounds. Accent, and the sound changes resulting from shifting accent. Ablaut. The Development of Writing and of Alphabets. Elements of Palaeography, specially Indian. The Vernacular Alphabets, their origin and development.

*Paper III.*

The Principles of Morphology and Word-building. Development and differentiation of the Parts of Speech. The significance of Ablaut in the linguistic development. The Morphology of Sanskrit as compared to Avesta and other I.-E. Languages; Nouns,—Gender, Number, Case; Pronouns; Adjectives,—Degrees of Comparison; Numerals; Verbs,—Systems of Tenses and Moods; Indeclinables; the *Kṛt* and *Taddhita* affixes in Sanskrit. The comparative Morphology of Vedic and Classical Sanskrit.

*Paper IV.*

Growth of Dialects. The condition of Dialectic Growth and Differentiation. History of linguistic development in India, (i) from Vedic to Classical Sanskrit, (ii) Prakrit and



Pali. History of Prakrit dialects. Distinguishing characteristics of the various Prakrits. Elements of the Comparative Phonology and Morphology of Prakrit and Pali.

(N. B. Candidates are expected to be acquainted with the main outlines of the Literary History of the Languages concerned.)

*Paper V.*

Linguistic History of India from the Prakrits to the Neo-Indian Dialects. Elements of the Linguistic History, Phonology and Morphology of the following Modern Aryan Dialects of India—Bengali, Bihari, Oriya, Hindi (Eastern and Western), Marathi, Panjabi, Sindhi and Gujarati (including Rajsthani). The candidate should be acquainted with the broad outlines of the Literary History of these Dialects; and he should possess a detailed knowledge of the Linguistic History of his mother-tongue.

*Paper VI.*

Comparative Syntax of Vedic and Classical Sanskrit, and of the Prakrit and Neo-Indian Dialects. The mother-tongue of the candidate should be studied in detail.

*Paper VII.*

Either

Urgeschichte, with special reference to Indo-Iranian Antiquities. Comparative Mythology.

Elements of Avesta and Iranian Philology. Phonology, Morphology and Syntax of Avesta as compared to Sanskrit. Candidates are expected to be acquainted with the Avesta Alphabet and to translate from the Texts prescribed into either English or Sanskrit.

Or

Elements of Dravidian, Kōl or Munda and Tibeto-Chinese Linguistics. Elementary Grammar of Primitive Dravidian or Tamil. Pre-Aryan origins. Non-Aryan influences on Indo-Aryan Speech.

*Paper VIII.*

Essay

Candidates will be given a choice from at least *four* subjects.  
A Candidate who has taken his B.A. Degree with Honours in a Language or has taken his M.A. Degree in a Language,

may, subject to the conditions specified below, offer a thesis on any subject included within the scope of Papers IV and V, in lieu of an examination in those two Papers.

The conditions to be fulfilled by a candidate who is allowed to offer a thesis are as follows :—

(a) He must have completed one year's study of the M.A. course in Comparative Philology under University Teachers.

(b) He must, at the end of the year, submit to the Board of Higher Studies in Comparative Philology an application for permission to offer a thesis in lieu of part of the Examination.

(c) The application shall indicate the subject and scope of the thesis he wishes to offer and must be recommended by the Professor or Professors under whom he has been working.

(d) If the application be granted by the Board of Higher Studies in Comparative Philology, the thesis must be prepared under the general direction of the Professor or Professors with whom the candidate is prosecuting his studies.

(e) The candidate shall deliver three copies of the thesis (printed or typewritten) to the Secretary to the Council of Post-Graduate Teaching in Arts, at least one month before the first day of the M.A. Examination at which he intends to present himself.

(f) The thesis shall be examined by a Board of three Examiners and the maximum number of marks assigned to the thesis shall be 200. The Examiners may, in their discretion, subject the candidate to a *viva voce* examination on the subject of the thesis.

• (g) The name of a candidate whose thesis has been approved shall be marked with an asterisk in list of successful candidates published in the Gazette and also in the University Calendar."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Arabic and Persian, dated the 17th February, 1918 :—

"RESOLVED—

(1) That the following gentlemen be appointed Post-Graduate Teachers in Persian and Arabic for the session 1918-19 :—

Muhammad Khalil Ahmed, M.A.

Shaikh Abu Nasr Gilani. •

Maulvi Abu Musa Ahmadul Haq.

Shams-ul-Ulama Vilayet Hosain.

The Hon'ble Dr. Abdullah-al-Mamun Suhrawardy,  
M.A., Ph.D., Bar-at-Law.  
Aga Muhammad Kazim Shirazi.

(2) That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :

Names.	Monthly Salary.
	Rs.
Muhammad Khalil Ahmed	100
Shaikh Abu Nasr Gilani ...	100
Maulvi Abu Musa Ahmadul Haq	100
Shams-ul-Ulama Vilayet Hosain	100
The Hon'ble Dr. A. Suhrawardy...	200
Aga Muhammad Kazim Shirazi	100

RESOLVED—

That the following text books be prescribed for the M.A. Examination :—

### M.A. EXAMINATIONS, 1919 & 1920.

#### ARABIC.

Kitābu' l Aghānī, Vol. IV.

(a) from middle of page 17 to middle of page 34.

(b) from page 74 to page 98.

Yatīmatu'd-Dahr. Vol. IV,—Al-Babu'l-Khāmis fī dhikr-i-Abi'l-Faḍl'l-Hamadānī, page 167-204.

Qur'ān with the Kashshāf by Zamakhsharī—The whole of Sūratu'l-'Imrān.

Mishkātu'l-Ma'ābih.

(a) Kitbu'l-'Imārat-i-Wa'l-Qāḍā'i.

(b) Kitbu'l-Adab.

Ishārāt by Avicenna, Al-Namatu't-Tasi and Al-Namatu'l-'Āshir.

Futūḥu'l-Buldān by Balādhiri—From page 152-240.

Mufaṣṣal by Zamakhsharī—From the beginning of the book up to the end of the Baḥth Ism-i-Mu'rab.

Farā'id by Mullā Maḥmūd Jawnpūrī'Ilm. 'l-Ma'ānī—from the beginning of the Muqaddima up to the end of the *Naw-i-Awwal* of the *Fann-i-thānī*.

NOTE.—The following books should be consulted by the students :

'Adabu'l-Lughati'l-'Arabiyya, by Shaikh Darāz.

Tārikhu'l-Lughati'l-'Arabiyya, by Muhammad Bey.

Do

by Jirjī Zaidan.

Do

by Hafnī Bey.

Al-Falsafatu'l—Lughawīyya, by Jirjī Zaidān,  
Tamrinut-Tullāb.

Kitābu 'sh-shir wa'sh-Shu 'ara' i, by Ibn Qutāibah.  
'Ilmu'l—Adab.

„ Maqālāt.  
Matāli 'u' l-Budūr, by Salīm al-Insī.  
Majāniyu'l-Adab.

#### PERSIAN.

##### *Poetry.*

The Hadiqa of Sanā'ī—(Nawal Kishor Edition, 1887)  
Chapters I, V, VI and VII.

The Mantiqu-t-tair of 'Attār, from the first Maqāla to  
the last (Paris Edition 1857 or any Edition).

The Diwān of Nāsir-i-Khusraw, (Bombay Edition).

The Qasā'id of Zahir Fāryābi—All the Persian Qasidas  
(Nawal Kashor or any edition).

##### *Prose.*

The Tazkira of Dawlat Shāh.

The Tazkira of 'Awfī, Part II (London Edition).

The Kīmiyā'-i-Sa'adat of Ghazzālī (Pages 1-50).

The Durra'-i-Nādira (Bombay Edition) omitting the  
Dibācha from pages 33 to 75.

The Hadā'iq-i-Balāghat—the first two Hadiqas.  
Arabic Prose—The prose selection prescribed for B.A. Pass  
course."

#### "RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher  
Studies in English, dated the 19th February, 1918:—

#### RESOLVED—

(1) That the following gentlemen be appointed Post-  
Graduate Teachers in English for the session 1918-19:—

Babu Jaygopal Banerjee, M.A.

„ Srikumar Banerjee, M.A.

„ Mohinimohan Bhattacharyya, M.A.

„ Nalinimohan Chatterjee, M.A.

„ Sunitikumar Chatterjee, M.A.

„ Rabindramohan Datta, M.A.

„ Sushilkumar De, M.A.

Mr. M. Ghosh, M.A.

Babu Praphullachandra Ghosh, M.A.  
 „ Rajanikanta Guha, M.A.  
 Mr. J. W. Holme, M.A.  
 Rev. A. B. Johnston, M.A.  
 Babu Herambachandra Maitra, M.A.  
 „ Bijaygopal Mookerjee, M.A.  
 „ Harendracoomar Mookerjee, M.A.  
 „ Saileswar Sen, M.A.  
 Prof. H. Stephen, M.A., D.D.  
 Mr. T. S. Sterling, M.A.

(2) That the undermentioned persons be appointed Tutors for the session 1918-19 on a remuneration of Rs. 200 a month each :-

Miss Regina Guha, M.A. (Gold Medalist, 1913).  
 Babu Kumudbandhu Ray, M.A. (Gold Medalist, 1917).  
 „ Jyotishchandra Ghosh, M.A. (Silver Medalist, 1917).

(3) That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :-

Names	Monthly Salary.
	Rs.
Babu Jaygopal Banerjee, M.A. ...	.. 500
„ Mohinimohan Bhattacharyya, M.A. ..	.. 200
„ Nalinimohan Chatterjee, M.A. ...	... 200
„ Sunitikumar Chatterjee, M.A. ...	... 300
„ Rabindramohan Datta, M.A....	... 200
„ Sushilkumar De, M.A. ...	... 225
„ Herambachandra Maitra, M.A. ...	... 250
„ Saileswar Sen, M.A. ...	... 400
Prof. H. Stephen, M.A., D.D. ...	... 750

(4) That the remuneration of the undermentioned gentlemen be fixed at Rs. 100 a month each, subject to the sanction of the authorities of their respective colleges :

#### Presidency College.

Mr. M. Ghosh, M.A.  
 Babu Srikumar Banerjee M.A.  
 „ Praphullachandra Ghosh, M.A.  
 Mr. J. W. Holme, M. A.  
 Mr. T. S. Sterling, M.A.

#### Bethune College.

Babu Bijoygopal Mookerjee, M.A.

City College.  
 Babu Rajanikanta Guha, M.A.  
 St. Paul's C. M. S. College.  
 Rev. A. B. Johnston, M.A.

**RESOLVED —**

That the following books be prescribed for the M.A. Examination in English—

**M.A. EXAMINATION, 1920.**

**ENGLISH.**

Common Papers for Groups A and B.

Paper I.—General History of English Literature.

No text-books.

Paper II.—Drama

Shakespeare	...	Coriolanus: As You Like It
Ben Jonson	...	Volpone, or the Foxe.
Beaumont and Fletcher	...	Philaster.

Paper III.—Poetry.

Spenser	...	Faerie Queene, Book I.
Milton	...	Paradise Regained.
Swinburne	..	Atalanta in Calydon.

PAPER IV.—Prose.

Bacon	...	...	Essays.
Milton	...	...	Areopagitica.
Matthew Arnold	...	...	Culture and Anarchy.

**GROUP A.**

PAPER V.—Chaucer and Outlines of Historical English Grammar.

(a) Text.

Chaucer	...	...	The Prologue; Legend Good Women (including its prologue).
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(b) Books recommended for study—

Morris	...	..	Historical English Accidence, Chapters I-IX.
Emerson	...	...	History of the English Language.
Kellner	...	..	Historical English Syntax.

## PAPER VI.—Selected Period of Poetry.

## Early Nineteenth Century Poetry (1798-1832).

The undermentioned authors are recommended for special study in their chief works as specified below ; but candidates will not be expected to show a detailed knowledge of the texts named :—

Wordsworth	...	...	Prelude, Books I, XII, XIII ; Excursion, Book 1 ; Selections by Matthew Arnold (Golden Treasury Series).
Coleridge	...	...	Selections by Stopford A. Brooke (Golden Book of Coleridge).
Byron	...	...	Vision of Judgment ; Selections by Matthew Arnold (Golden Treasury Series).
Shelley	...	...	Prometheus Unbound ; Selections by Stopford A. Brooke (Golden Treasury Series).
Keats	...	...	Hyperion ; Eve of St. Agnes ; Lamia.

Golden Treasury of Songs and Lyrics edited by Palgrave, Book IV. Selections from English Poets edited by Ward, Vol. IV.

## PAPER VII.—Selected Period of Prose.

The Undermentioned authors are recommended for special study in their chief works as specified below ; but candidates will not be expected to show a detailed knowledge of the texts named :—

Wordsworth	...	...	Prefaces and Appendices (Oxford Edition).
Scott	...	...	Talisman ; Old Mortality ; Kenilworth.
Coleridge	...	...	Biographia Literaria, omitting Chapters 5-9 and 12.
Lamb	...	...	Essays of Elia.
Landor	...	...	Selections by Sidney Colvin (Golden Treasury Series).
Jane Austen	...	...	Pride and Prejudice.
Hazlitt	...	...	English Literature, edited by Zeitlin (Oxford University Press).
De Quincey	...	...	Selections by Bennett.
Shelley	...	...	Defence of Poetry.

PAPER VIII.—Essay or Essays on subjects connected with the Course.

### GROUP B.

PAPER V.—English Language and Literature prior to 1100 A.D.

Sweet ... Anglo-Saxon Reader, Part I, pages 1-174.

PAPER VI.—English Language and Literature from 1100 A.D. to 1500 A.D. (including Chaucer).

Chaucer ... Canterbury Tales—Prologue ; Knight's Tale ; Clerk's Tale ; Monk's Tale ; Nonne Priest's Tale ; Squire's Tale, Book of the Duchesse ; Parliament of Fowls.

Morris and Skeat ... Specimens of Early English—Part I—The Owl and the Nightingale. Ancren Riwle. Havelok the Dane.

Part II—Langland. Barbour.

Skeat ... Specimens of English Literature—Chevy Chase. The Nut Brown Maid. The Mirror for Magistrates.

The unseen passages set in this Paper will be restricted to portions of Chaucer and Langland not included in the set texts.

PAPER VII.—Historical English Grammar, including the Elements of Teutonic Philology.

Books recommended for study—

Wyatt	...	...	Old English Grammar.
Morris	...	...	Historical English Accidence.
Kellner	...	...	Historical English Syntax.
Skeat	...	...	Principles of English Etymology, 1st and 2nd Series.

PAPER VIII —Essay or Essays on subjects connected with the Course.

Read an application from the students of the 6th-year English Class, praying that their classes may be dissolved at an early date.



**RESOLVED—**

That it be left to the discretion of each lecturer to discontinue his lectures from such date as may be considered suitable by him."

**"RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Sanskrit, dated the 20th February, 1918.

**"RESOLVED—**

(1) That the following gentlemen be appointed Post-Graduate Teachers in Sanskrit for the session 1918-19 :—

- Babu Dhireschandra Acharyya, M.A.
- „ Muralidhar Banerjee, M.A.
- „ Radhagobinda Basak, M.A.
- Prof. D. R. Bhandarkar, M.A.
- Babu Kokileswar Bhattacharyya, M.A.
- „ Pasupatinath Bhattacharyya, M.A.
- „ Niranjnprasad Chakrabarti, M.A.
- „ Prabhatchandra Chakrabarti, M.A.
- „ Surendranath Majumdar, M.A.
- Pandit Sakalnarayan Sarma.
- Vedantabisarad N. S. Anantakrishna Sastri.
- Babu Asutosh Sastri, M.A.
- Mahamahopadhyay Laksman Sastri.
- Rai Rajendrachandra Sastri, Bahadur, M.A.
- Pandit Sitaram Sastri.
- „ Haragobinda Set.
- Prof. I. J. S. Taraporewala, B.A., Ph.D.
- Mahamahopadhyay Pramathanath Tarkabhushan.
- Pandit Sivakumar Tarkadarsanatirtha.
- „ Krishnucharan Tarkalankar.
- „ Rajendranath Vidyabhushan.
- Mahamahopadhyay Dr. Satischandra Vidyabhushan, M.A., Ph.D.

(2) That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :—

Names.	Monthly salary.
Babu Dhireschandra Acharyya, M.A.	... 200
Prof. D. R. Bhandarkar, M.A.	... 100

Name.	Monthly Salary
Babu Kokileswar Bhattacharyya, M.A.	... 375
„ Pasupatinath Bhattacharyya, M.A.	... 225
„ Niranjanprasad Chakrabarti, M.A.	... 200
„ Prabhatchandra Chakrabarti, M.A.	... 200
Vedantabisarad N. S. Anantakrishna Sastri	... 160
Rai Rajendrachandra Sastri, Bahadur, M.A.	... 100
Pandit Sitaram Sastri	... 200
„ Haragobinda Set	... 110
„ Sivakumar Tarkadarsantirtha	... 75
„ Krishnacharan Tarkalankar	... 75

(3) That the remuneration of the undermentioned gentlemen be fixed at the sum of Rs. 50 a month each, subject to the sanction of the authorities of their respective colleges :—

#### SANSKRIT COLLEGE.

Babu Muralidhar Banerjee, M.A.  
 Pandit Sakalnarayan Sarma.  
 Mahamahopadhyay Laksman Sastri.  
 Mahamahopadhyay Pramathanath Tarkabhushan.  
 Pandit Rajendranath Vidyabhushan.  
 Mahamahopadhyay Dr. Satishchandra Vidyabhushan,  
 M.A., Ph.D.

#### PRESIDENCY COLLEGE.

Babu Asutosh Sastri, M.A.

#### RESOLVED—

That the following books be prescribed for the M.A. Examination :

#### M.A. EXAMINATION, 1920.

##### SANSKRIT.

The course shall include the following :—

(The books prescribed for the first four papers are common to all the groups).

*Paper I.*—(a) Ashtaka II of the Rigveda with Sayana's commentary thereon.

(b) Sayana's Instruction to his commentary on the Rigveda.

\* *Paper II.*—Siddhanta-Kaumudi (whole).

*Paper III.*—(a) and (b) Elements of Comparative Philology with special reference to the Indo-Iranian Languages and the growth of the Prakritic Dialects.

The following books are recommended :—

Breal, M.—Sementics (Translated by Mrs. Cust.) (Heinemann).

Edmonds, J. M.—Comparative Philology (omitting, ch. ix).

Macdonnell, A. A.—Avedic Grammer for students, (Oxford).

Strong, H. A., Logemann, W. S., and Wheeler, B. T.—

Introduction to the study of the History of Language (Longmans).

Sweet, H.—The History of Language. (Dent).

Tucker, T. G.—Introduction to the Natural History of Language. (Blackie).

Uhlenbeck, C. C.—A manuel of Sanskrit Phonetics (Luzac).

Whitney, W. D.—Sanskrit Grammar (Trübner).

Encyclopaedia Britannica (11th Edition)—The Article on Philology.

Hastings' Encyclopaedia of Religion—The Article on Aryan Religion.

(c) Sabdasaktiprakasika (Samasaprakarana).

*Paper IV.*—Two essays, (a) dealing with some subject connected with the History of Sanskrit literature generally ; (b) dealing with some subject connected with the history of the special department covered by the group taken up.

*Papers V, VI, VII and VIII.*—One of the following groups to be selected by the candidate :—

*A (Literature).*

*Paper V.*—(a) Poetry Text :—

Naishadha Charita ... Canto 15, with Mallinatha's commentary.

Kamandakiya Nitisara ... (Jibananda's edition) Chapters 8, 9, 10 and 11 (pages 37—62).

Sukra Nitisara ... (Jibananda's edition) Chapter 4 (pages 507—670).

Mahabharata ... Rajdharma, Santiparva, Chapters 56—60, 68, 69 and 86—88, Pratap Ray's edition.

Bharabi ... Canto 17, with Mallinatha's commentary.

(b) Translation from English into Sanskrit.

*Paper VI.*—(a) Drama texts :—

Vikramorvasi, Mrichhakatika, Venisanhara, Mahaviracharita, Karpuramanjari. Vararuchi's Prakrit Prakasa as is necessary for the appreciation of the Prakrit passages.

(b) Translation from English into Sanskrit.

*Paper VII.*—(a) Prose Text :—

Vasavadatta.

Harshacharita ... Chapters 5 and 6.

(b) Unseen passages in Sanskrit Prose for translation into English.

*Paper VIII.*—(a) Rhetoric and Prosody, namely, Kavya-prakasa, Ekavali, Sarasvati Kanthavarana, Sahitya-darpana and Chhandamanjari.

(b) Unseen passages in Sanskrit Poetry for translation into English.

### *B (Vedas).*

*Paper V.*—Yaska's Nirukta and Pingala's Chhandasutras with Halayudha's Vritti Pratisakhya of Rig-Veda, with the commentary of Uvata.

*Paper VI.*—(a) Aitareya Brahman with Sayana's commentary.

(b) Simple unseen passages in Vedic Sanskrit for translation into classical Sanskrit.

[The interpretations of any recognized Indian School will be accepted.]

*Paper VII.*—(a) Vrihadaranyaka, Chapters III and IV.

Chhandogya                      „                      V, VI, VII and VIII.

(b) Simple unseen Sanskrit passages from any Upanishad for translation into English.

*Paper VIII.*—(a) Grihya-Surta—Gobhila with commentary.

(b) Translation from English into Sanskrit.

### *C (Mimansa and Smriti).*

*Paper V.*—(a) Mimansa Sutras with Sabara Bhashya, first six chapters.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Mimansa Philosophy, such as the Sloka-Vartika and the Tantra-Vartika, for translation into English.

*Paper VI.—(a)* Jaiminiya Nyaya Mala Vistara and Mimansa Nyayaprakasa.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Mimansa Philosophy, such as the Mimansa-Balaprakasa, and the 'Tupteeka, for translation into English.

*Paper VII.—(a)* Manu Samhita with Kulluka's commentary.

Dharma Sutras of Apastamba and Goutama with Haradatta's commentary.

(b) Grihya-Sutra—Gobhila.

*Paper VIII.—(a)* Yajnavalkya Sanhita with Vijnanesvara's Mitakshara—Parasara's Institutes with Madhava's commentary.

(b) Translation from English into Sanskrit.

#### *D (Vedanta).*

*Paper V.—(a)* Vedantasara (Jacob's edition), Panchadasi, Vedanta Paribhasha Hastamalaka (with commentary), and Siddhantalessa.

(b) Simple unseen Sanskrit passages from any work on Vedanta Philosophy, such as the Vivaranaprameya-Sangraha, for translation into English.

*Paper VI.—(a)* Vedantasutras with Sankara Bhashya.

(b) Translation from English into Sanskrit.

*Paper VII.—(a)* Sribhashya—Chapter I, Part I.

(b) Advaita-Brahma-Siddhi.

*Paper VIII.—(a)* Bhagavadgita and Chhandogya as in Group B, Munda, Mandukya, Svetasvataropanishad with Sankara's commentary,

(b) Passages for translation into English from the Anubhashya and the Saivabhashya.

#### *E (Sankhya and Yoga).*

*Paper V.—(a)* Sankhyasutra of Kapila, with Vritti of Aniruddha. Sankhya-Karika of Iswarakrishna, with Bhashya of Gaurapada.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Sankhya Philosophy, for translation into English.

*Paper VI.—(a)* Sankhya Pravachana Bhashya. Sankhya-Sara and Sankhya-Tattva Kaumudi.

(b) Translation from English into Sanskrit.

*Paper VII.—(a)* Yoga Sūtras of Patanjali, with Bhashya of Vyasa and Vritti of Bhoja. Yoga Vartika of Vijnana-Bhikshu.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Yoga Philosophy, for translation into English.

*Paper VIII.—(a)* Yoga Vasishtha—Chapter on Nirvana, Part II. Sarbadarsana-Sangraha.

(b) Translation from English into Sanskrit.

*F (Nyaya and Vaisesika).*

*Paper V.—(a)* Nyayasūtras of Gautama, with the Bhashya of Vatsyayana, Vartika of Udyotkara, and Vritti of Visvanatha.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Nyaya Philosophy, for translation into English.

*Paper VI.—(a)* Nyayamanjari of Jayanta Bhatta. Khanda Khanda Khadya of Sriharsha—Chapter I.

(b) Translation from English into Sanskrit.

*Paper VII.—(a)* Bhasha Parichheda, Siddhanta-muktavali, Kusumanjali of Udyanacharya, with commentary of Ruchhidatta and gloss of Vardamana.

(b) Translation from English into Sanskrit.

*Paper VIII.—(a)* Vaisesika Sūtras of Kanada, with Bhashya of Prasastapada, Nyayakandali of Sridhara and Vritti of Jaynarain. Saptapadārthi of Sivaditya, with commentary of Yotindramadhava.

• (b) Simple unseen Sanskrit passages from any treatise or commentary on the Vaisesika Philosophy, for translation into English.

*G (General Philosophy).*

*Paper V.—(a)* Sankhyasūtras of Kapila with Vritti of Anirudha. Saukhya Tattva Kaumudi. Yogasūtras of Patanjali with the Bhashya of Vyasa and Vritti of Bhoja.

(b) Simple unseen Sanskrit passages from any work on Philosophy for translation into English.

*Paper VI.—(a)* Nyayasūtras of Gautama with Bhashya of Vatsyayana and Vritti of Visvanatha. Vaisesikasūtras of Kanada, with Bhashya of Prasastapada, and Nyayakandal of Sridhara.

•  
(b) Translation from English into Sanskrit.

*Paper VII.*—(a) Vedantasara (Jacob's edition), Bhagavad-gita, Vedantasutras, with Sankara's commentary, Chapter I, Parts I and IV; Chapter II, Part II.

(b) Translation from English into Sanskrit.

*Paper VIII.*—(a) Nyayaratnamala of Parthasarathi Misra : Mimansa Nyaya Prakasa of Apadeva. Upanishads—Isa, Kena, Katha, Prasna, Munda, Mandukya and Svetasvatara, with Sankara's commentary.

(b) Simple unseen Sanskrit passages from any work on Philosophy for translation into English.

## II (Prakrit).

*Paper V.*—(a) Prasna Vyakarana and Vipakasutra.

(b) Translation from English into Sanskrit (or Prakrit, at the option of the candidate).

*Paper VI.*—(a) Prakrit portions of the following dramas :—

Sakuntala, Vikramorvasi, Malavikagnimitra, Uttaracharita, Malatimadhava, Mahavira-Charita, Mrichhakatika, Mudra-rakshasa, Ratnavali, Karpuramanjari, Venisanhara.

(b) Translation from Sanskrit into Prakrit.

*Paper VII.*—(a) Setubandha ; Gaudavaho ; Kumarapala-charita, together with a general knowledge of Prakrita Paingalam.

(b) Simple unseen passages in Prakrit for translation into English.

*Paper VIII.*—(a) Prakrit Grammar as in Vararuchi's Prakrita Prakasa (Cowell), Chhandah's Prakrita Lakshanam (Hoernle), Hemchandra (Pischel).

Candidates are also expected to be familiar with the substance of Hoernle's Grammar of the Gaudian languages.

(b) Simple unseen passages in Prakrit for translation into Sanskrit.

## I. (Epigraphy and History).

*Paper V.*—(a) Rajatarangini and its continuations with Stein's Introduction and commentary.

(b) Unseen passages in Sanskrit for translation into English.

*Paper VI.*—(a) Inscriptions of Asoka.

(b) Early Indian Alphabets.

*Paper VII.*—*Epigraphia Indica*—

Vol.	I,	Inscriptions Nos. 1, 8, 11, 13, 35.
„	III,	Nos. 8 and 17.
„	V,	„ 2 and 19.
„	VI,	„ 1 and 14.
„	VII,	No. 6.

*Fleet's Corpus Inscriptionum*—Nos. 1—18, 33—37.

*Prachina Lekha mala*—Lekhas—66, 67, 69, 77—80, 84, 85, 90, 92, 95, 96, 107, 110, 111, 117, 118 and 122.

*Paper VIII.*—(a) Ancient Geography of India.

(b) Translation from English into Sanskrit."

# RESOLVED—

That the proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Mental and Moral Philosophy, dated the 21st February, 1918.

# " RESOLVED—

(1). That the following gentlemen be appointed Post-Graduate Teachers in Mental and Moral Philosophy for the session 1918-19:—

Mr. J. R. Banerjee, M.A.  
 Babu Haridas Bhattacharyya, M.A.  
 „ Krishnachandra Bhattacharyya, M.A.  
 Mr. P. K. Chakrabarti, M.A.  
 Babu Kalidhan Chatterjee, M.A.  
 „ Satischandra Chatterjee, M.A.  
 Rev. G. Ewan, M.A.  
 Dr. Hiralal Halder, M.A., Ph.D.  
 „ Ramdas Khan, M.A., Ph.D.  
 Babu Susilkumar Maitra, M.A.  
 „ Ambikacharan Mitra, M.A.  
 „ Khagendranath Mitra, M.A.  
 Dr. Adityanath Mookerjee, M.A., Ph.D.  
 „ Prabhu Dutt Shastri, M.A., B.Sc., Ph.D.  
 „ Brajendranath Seal, M.A., Ph.D.  
 „ Narendranath Sengupta, M.A., Ph.D.  
 „ W. S. Urquhart, M.A., D.Phil.

(2). That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each:

Names.	Monthly Salary.
	Rs.
Babu Haridas Bhattacharyya, M.A.	... 225
Mr. P. K. Chakrabarti, M.A.	... 100
Babu Satischandra Chatterjee, M.A.	... 200
Dr. Hiralal Halder, M.A., Ph.D.	... 500



Name.	Monthly Salary.
„ Ramdas Khan, M.A., Ph.D.	... 500
Babu Susilkumar Maitra, M.A.	... 275
„ Ambikacharan Mitra, M.A.,	... 500
Dr. Narendranath Sengupta, M.A., Ph.D.	... 250

(3). That the remuneration of the undermentioned gentlemen be fixed at the sum of Rs. 100 a month each, subject to the sanction of the authorities of their respective Colleges :

#### PRESIDENCY COLLEGE.

Babu Kh. gendranath Mitra, M.A.  
 Dr. Adityanath Mookerjee, M.A., Ph.D.  
 Dr. Prabhu Dutt Shastri, M.A., B.Sc., Ph.D.

#### SCOTTISH CHURCHES COLLEGE.

Babu Kalidhan Chatterjee, M.A.  
 Rev. G. Ewan, M.A.  
 Dr. W. S. Urquhart, M.A., D.Phil.

#### VIDYASAGAR COLLEGE.

Mr. J. R. Banerjea, M.A.

#### BETHUNE COLLEGE.

Babu Krishnachandra Bhattacharyya, M.A.  
 (4). That Babu Susilkumar Maitra, M.A., be placed on the grade Rs. 250-25-300.

#### RESOLVED—

That the following books be recommended for the M.A. Examination :—

#### M.A. EXAMINATION, 1920.

##### MENTAL AND MORAL PHILOSOPHY.

##### PAPER I.—*History of Ancient European Philosophy.*

The following books are recommended :—

Ueberweg	... History of Philosophy.
Caird	... Development of Theology in the Greek Philosophers.
{ Zeller	... Plato
	... or
{ Zeller	... Aristotle
	... or
{ Gomperz	... Greek Thinkers, Vol. IV.

Students will be expected to have a special knowledge of the system of Plato or Aristotle and to show an acquaintance with the following special texts :

*Either*

Plato's Republic

*or*

Aristotle's Metaphysics.

**PAPER II.—***Mediæval and Modern European Philosophy.*

The following books are recommended—

{	Erdmann	... History of Philosophy, Vol. II.
	or	
{	Adamson	... Development of Modern Philosophy.
	De Wulf	... History of Mediæval Philosophy (Longmans).
	Rand	... Modern Classical Philosophers (Constable).
	Perry	... Present Philosophical Tendencies.
	Hume	... Inquiry concerning Human Understanding.
	Watson	... Philosophy of Kant as contained in extracts from his own writings.

**PAPER III.—***Outlines of Indian Philosophy.*

The following books are recommended :—

Max Müller	... Six Systems of Indian Philosophy.
Deussen	... Philosophy of the Upanishads.
Rhys Davids	... Indian Buddhism (Hibbert Lectures).
Madhavacharyya	... Sarvadarsana Sangraha (Cowell and Gough) [Charvaka, Bauddha, Arhata, Ramanuja, Vaiseshika, Nyaya, Sankhya and Patanjala Systems.]
Sankara	... Commentary on the Vedanta Sutras, Second Adhyaya, Padas I and II only (Thibaut)
Ramanuja	... Commentary on the Vedanta Sutras, Introduction and the the first Sutra, Pada I, Adhyaya I.

Seal, B. N. ... Positive Sciences of the Hindus  
[Chapters I (pp. 1-56), VI  
(pp. 218-219) and VII.]

PAPERS IV.—VII.

(i) *Psychology*.

The following books are recommended :—

James	... Principles of Psychology.
Wundt	... Outlines of Psychology.
Stout	... Analytic Psychology.
Macdougall	... Physiological Psychology.
Lloyd Morgan	... Comparative Psychology.
Kulpe	... Outlines of Psychology.
Villa	... Contemporary Psychology.

(ii) *Logic*.

Students are allowed to take up any *one* of the following two alternative courses in Logic :—

(a) Logic as Epistemology and Inductive Logic or Methodology.

(b) Logic as Metaphysics and Dialectic.

The following books are recommended :—

(a) *Logic as Epistemology or Methodology*.

Lotze	... Logic.
Bosanquet	... Logic.
Mill	... System of Logic.
Hobhouse	... Theory of Knowledge.
Venn	... Empirical Logic.
Jevons	... Principles of Science.
Keynes	... Formal Logic.

Encyclopædia of the Philosophical Sciences. Vol. I. Logic.  
(Macmillan).

(b) *Logic as Metaphysics and Dialectic*.

Kant	... Critique of Pure Reason.
Fichte	... The Science of Knowledge, translated by A. E. Troeger, with a preface by W. T. Harris. (Trübner & Co.).
Wallace	... "Logic of Hegel" and "Prolegomena."
McTaggart	... Studies in Hegelian Dialectic.
Lotze	... Metaphysics.

(ii) *Ethics and Social Philosophy.*

The following books are recommended :—

Green	...	Prolegomena to Ethics.
Martineau	...	Types of Ethical Theory.
Sidgwick	...	Methods of Ethics.
Wundt	...	Ethics.
Herbert Spencer	...	Principles of Ethics.
Kant	...	Theory of Ethics (Abbott.)
Sterrett	...	Ethics of Hegel.
Herbert Spencer	...	Principles of Sociology, Vols. I and II (Political Institutions only).
Gidding	...	Principles of Sociology.
Lester Ward	...	Dynamic Sociology, Vols. I & II.

(iv) *Philosophy of Religion.*

The following books are recommended :—

Lotze	...	Outlines of the Philosophy of Religion.
Hegel	...	Philosophy of Religion (Spiers and Sanderson), Part I.
Martineau	...	Study of Religion.
Pfleiderer	...	Philosophy and Development of Religion, Vol. I (Gifford Lectures).
Royce	...	The World and Individual (Both Series).
Ward	...	Realm of Ends (Pluralism and Theism).
Ward	...	Agnosticism and Naturalism.

(v) *Special Branch of Indian Philosophy.*

Any one of the three following groups :—

(1) The Nyaya Sutras of Gautama with Bhashya of Vatsyayana.

Vartika of Udyotkara and Vritti of Visvanatha.

The Bhasha-Paricheheda with Siddhanta Muktaali.

The Kusumanjali of Udayana with commentary.

(2) The Sankhya Karika of Isvarakrishna with Sankhya Tattvakaumudi of Vachaspati Misra. •

• The Sankhya Sutras with Sankhya Pravachana Bhashya of Vijnanabhikshu.

The Vedanta Paribhasha.

The Hastamalaka with commentary.

Sankara's commentary on the Vedanta Sutras (the first four Sutras and Adhyaya II, Padas I and II).

Ramanuja's commentary on the Vedanta Sutras (Introduction and the first four Sutras).

(3) The Sutras of Kanada with Bhashya of Prasastapada and Nyayakandali of Sridhara.

The Bhasha Parichchheda with Siddhanta Muktavali.

Nagarjuna's Madhyamika Karika with commentary.

The Nyayabindu with commentary.

Read a letter from Mr. Archbold, Principal, Dacca College, regarding the statement of work done by Babu Abinaschandra Majumdar, M.A., Lecturer, Dacca College, in connection with the question of his appointment as a University Lecturer in Mental and Moral Philosophy at Dacca.

RESOLVED—

That the Board report to the Syndicate that if Babu Abinaschandra Majumdar, M.A., continues on the staff of the Dacca College, he may be appointed a University Lecturer on Mental and Moral Philosophy at Dacca."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Experimental Psychology dated the 21st February, 1918:—

"RESOLVED—

(1) That the following gentlemen be appointed Post-Graduate Teachers in Experimental Psychology for the session 1918-19:—

Babu Manmathanath Banerjee, M.Sc.

„ Haridas Bhattacharyya, M.A.

Mr. B. C. Ghosh, M.A., M.B.

„ Khagendranath Mitra, B.A.

Dr. Brajendranath Seal, M.A., Ph.D.

„ Narendranath Sen Gupta, M.A., Ph.D.

Babu Girindrasekhar Bose, M.Sc., M.B.

„ Promodranjan Dasgupta, M.Sc.

(2) That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :—

Names.	Monthly salary.
	Rs.
Babu Manmathanath Banerjee, M.Sc.	... 200
„ Haridas Bhattacharyya, M.A.	... 50
Mr. Khagendranath Mitra, B.A.	... 200
Dr. Narendranath Sengupta, M.A., Ph.D.	... 250
Babu Pramodranjan Dasgupta, M.Sc.	... 200
„ Girindrasekhar Bose, M.Sc., M.B.	... 250

(3) That Dr. Narendranath Seugupta be appointed University Lecturer in charge of the Department of Experimental Psychology and be placed on the grade Rs. 250-50-500 a month.

(4) That, subject to the sanction of the authorities of the Vidyasagar College, the remuneration of Mr. B. C. Ghosh be fixed at Rs. 100 a month.

RESOLVED—

That the following books be recommended for the M.A. and M.Sc. Examinations :—

#### M.A. AND M.Sc. EXAMINATIONS, 1920.

##### EXPERIMENTAL PSYCHOLOGY.

##### *Paper I—Physiological Psychology.*

Preparatory reading—

McDougall	...	...	Physiological Psychology (Home University Library) —Nerves.
*Lickley	...	...	The Nervous System.
*Greenwood	...	...	Physiology of the Special Senses (Selections).
Wundt	...	...	Physiological Psychology (Selections).
Ziehen	...	...	Physiological Psychology.
*Titchener	...	...	Text Book of Psychology.
*Myers	...	...	Text Book of Experimental Psychology.
*Kölpe	...	...	Outlines of Psychology.
Wundt	...	...	Outlines of Psychology.
James	...	..	Principles (Selections).

\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Stout	...	...	Analytic Psychology (Selections).
Ladd and Woodworth	...	...	Elements of Physiological Psychology (Selections).

*Paper II.—Abnormal Psychology.*

Preparatory reading—

Hart	...	..	Psychology of Insanity.
*Stoddart	...	...	The new Psychiatry.
*Freud	...	...	On Dreams.
*Mercier	...	...	Text Book of Insanity,
*Binet	...	...	Alternation of Personality.
*Sidis	...	...	Psychology of Suggestion.
Sidis and Goodhart	...	...	Multiple Personality.
Prince	...	...	Dissociation of Personality.
Bruce	.	...	Clinical Psychiatry.
Prince	.	...	The Unconscious.

*Paper III.—Animal Psychology.*

*Holmes	...	...	Evolution of Animal Intelligence.
*Lloyd Morgan	...	...	Comparative Psychology.
*Washburn	.	..	Animal Mind.
*Thorndike	...	..	Animal Intelligence (Selections).
*Loed	...	...	Comparative Anatomy of the Brain and Comparative Psychology (Selections).
Romanes	...	...	Animal Intelligence.
Cambridge Manuals	...	..	Life Story of the Insect.
Fabre	...	...	Insect Life.

*Paper IV.—Child Psychology.*

Preparatory reading—

Heredity (People's Book).

*Kirkpatrick	...	...	Fundamentals of Child Study.
*Preyer	...	..	Mind of the Child, 2 vols.
*Shuttleworth and Potts	...	..	Feeble-mindedness.
*Pyle	...	...	Educational Psychology.
*Rousseau	...	...	Emile.

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\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

*Spencer	..	...	Education.
*Froebel	...	...	The Child.
*Froebel	..	...	The Man.
*Montessori	...	...	Handbook.
Thorndike	...	...	Educational Psychology.
Tracy	...	...	Psychology of Childhood.

Practical work—

Myers	...	...	Text-book of Experimental Psychology, Vol. II.
Titchener	...	...	Student's Manual—Qualitative.
Sanford	...	...	Experimental Psychology.
Whipples	.	...	Physical and Mental tests."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Studies in History, dated the 22nd February, 1918.

"RESOLVED—

(1) That the following gentlemen be appointed Post-Graduate Teachers in History for the session 1918-19 :—

*Ordinary Course.*

(Except Ancient Indian History.)

- Babu Gauranganath Banerjee, M.A.
- „ Pramathanath Banerjee, M.A.
- Mr. J. N. Das Gupta, B.A.
- „ A. C. Datta, M.A.
- „ S. Khuda Buksh, M.A., B.C.L.
- „ Bejoykumar Sarkar, A.B.
- Babu Bipinbihari Sen, M. A.
- „ Surendranath Sen, M.A.
- The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D.
- Mr. K. Zachariah, B.A.
- Babu Indubhushan Banerjee, M.A.
- „ Nirmalchandra Chatterjee, M.A.
- „ Jogischandra Sinha, M.A.
- Mr. Y. J. Taraporewala, B.A. (Cantab), M.A. (Bombay).

*Ancient Indian History and Culture (including Special Course).*

- Prof. D. R. Bhandarkar, M.A.
- Babu Phanindralal Ganguli, M.A.

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\*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk,



Babu Rameschandra Majumdar, M.A.  
 „ Surendranath Majumdar, M. A.  
 „ Hemchandra Raychaudhuri, M.A.  
 Mr. Arun Sen, B.A.  
 Babu Narayanchandra Banerjee, M.A.  
 „ Anantakrishna Banerjee, M.A.  
 „ Haranchandra Chakladar, M.A.  
 „ Radhagobinda Basak, M.A.  
 „ Prabodhchandra Sengupta, M.A., B.T.  
 „ Narendrakumar Majumdar, M.A.  
 Pandit Babuya Misra.  
 Mr. R. Shama Sastri, B.A.

(2) That, the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :—

NAMES.	Monthly salary.
Babu Gauranganath Banerjee, M.A. ...	Rs. 250
„ Pramathanath Banerjee, M.A. ...	„ 200
Mr. A. C. Datta, M.A. ...	„ 250
Babu Phanindralal Ganguli, M.A. ...	„ 100
Mr. S. Khuda Buksh, M.A., B.C.L. ...	„ 200
Babu Rameschandra Majumdar, M.A. ...	„ 400
„ Surendranath Majumdar, M.A. ...	„ 375
„ Hemchandra Raychaudhuri, M.A. ...	„ 200
„ Bipinbihari Sen, M.A. ...	„ 500
„ Surendranath Sen, M.A. ...	„ 200
The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D. ...	„ 300
Mr. Arun Sen, B.A. ...	„ 250
Babu Narayanchandra Banerjee, M.A. ...	„ 200
„ Indubhushan Banerjee, M.A. ...	„ 200
„ Nirmalchandra Chatterjee, M.A. ...	„ 200
„ Anantakrishna Banerjee, M.A. ..	„ 200
„ Haranchandra Chakladar, M.A. ...	„ 250
„ Radhagobinda Basak, M.A. ...	„ 250
„ Narendrakumar Majumdar, M.A. ...	„ 100
Pandit Babuya Misra ...	„ 100
Mr. R. Shama Sastri, B.A. ...	„ 400
Mr. Y. J. Taraporewala, M.A. ...	„ 250

(3) That, subject to the sanction of the authorities of the Presidency College, an honorarium of Rs. 100 a month be offered to each of the following gentlemen :—

Mr. J. N. Das Gupta, B.A. ,  
 „ Mr. K. Zachariah, B.A.

(4) That, subject to the sanction of the authorities of the Bethune College, an honorarium of Rs. 100 a month be offered to Babu Prabodhchandra Sengupta, M.A., B. T.

(5) That Mr. R. Shama Sastri, B.A., Principal, Chamarajendra College, Bangalore, be appointed University Lecturer for a term of 3 years, and that steps be taken to have his services transferred to this University.

RESOLVED—

That the following books be recommended for the M.A. Examination :—

### M.A. EXAMINATION, 1920.

#### HISTORY.

The following are the selected periods and the following are the books (A) recommended for study and (B) named as books that may be referred to or consulted by candidates. Candidates are expected to possess a thorough acquaintance with the works marked with an asterisk :—

(A) Books recommended for study—

PAPER I.—*Selected period of English History, from 1756 to 1815, excluding the History of British India.*

*Lecky...	..	History of the Eighteenth Century.
*Robertson	...	England under the Hanoverians
*Rose	...	Revolutionary and Napoleonic Era.
Burke	...	Present Discontents ; Two speeches on America.

PAPER II.—*Selected period of Indian History, from 600 B.C.—900 A.D.*

*Manu	...	Institutes (Translated by Bühler).
*Kautilya	...	Arthashastra (Translated by R. Shama Sastri).
Rhys Davids	...	Buddhist India.
V. A. Smith	...	Asoka.
*R. G. Bhandarkar	...	Early History of the Deccan.
*Megasthenes	...	Indica.
The Periplus of the Erythrean Sea	...	(Translated by Schoff).
*Fa Hian	...	Travels (Translated by Legge).
*Yuan-Chwan	...	Travels in India (Translated by Watters).
*V. A. Smith	...	Early History of India (Latest Edition).

(Students are expected to possess a general knowledge of the Ancient Geography of India).

\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

PAPER III.—*General History of the Ancient East.*

Breasted	..	History of Egypt.
Breasted	...	Development of Religion and Thought in Ancient Egypt.
Jastro	...	Civilisation of Babylonia and Assyria.
King	...	History of Babylon.

PAPER IV.—*Constitutional History of England.*

Stubbs	...	Constitutional History of England.
Hallam	..	Ditto Ditto
Erskine May	...	Ditto Ditto
Documents and Extracts illustrative of English Constitutional History (Calcutta).		

PAPER V.—*International Law.*

Hall	...	International Law.
Wheaton	...	International Law (Ed. Phillipson).
Stowell & Munro	...	International Cases, 2 Vols.

PAPERS VI & VII.—*History of Islam.*

*Muir	...	Caliphate.
*Zeydan	...	Umayyadas and Abbasides.
*Khuda Buksh	...	Islamic Civilisation.
*Goldziher	...	Mohammed and Islam (Tr. Seelye) (Yale University Press).
Freeman	...	History and Conquest of the Saracens.
Gibbon	...	Decline and Fall of the Roman Empire, Chapters 56-59, 64, 65, 67, 68.
Ameer Ali	...	History of the Saracens.
*Elphinstone	...	History of India.
*Elliott	...	History of India.
*Ferishta	...	History of the Rise of the Mohammedan Power (Tr. Briggs).
*Babar	...	Memoirs (Tr. Talbot).
Owen	...	India on the eve of the British Conquest.
*Owen	...	Fall of the Moghul Empire.
Keene	...	Fall of the Moghul Empire.
*Hitti	...	Origins of the Islamic State (Columbia University Press).
*Aghnides	...	Mohammedan Theories of Finance (Columbia University Press).

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\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

**\*Cambridge Mediæval History, Vol. II, Chapters 10-12.**

*Special period of Indian History from 1765-1805.*

**\*Mill's History of British India, edited by Wilson (From Chapter VII of Book IV to the end of Book VI).**

Sir Alfred Lyall ... The Rise and Expansion of the British Dominion in India.

Malcolm ... Political History of India.

Owen ... India on the eve of the British Conquest.

**\*Owen** ... Fall of the Moghul Empire.

**Keene** ... Fall of the Moghul Empire.

**\*Grant Duff** ... History of Mahrattas.

**Bowring** ... Haidar Ali and Tipu Sultan (Rulers of India Series).

**R. C. Dutt** ... Economic History of India under the Early British Rule.

**Gholam Hossain Khan** ... Seir Muttaqherin—Sections XII, XIII and XIV.

**\*Forrest** ... Selections from State Papers 1772-1785 (Portions relating to the Rohilla War, Warren Hastings' relation with Nandakumar, Chait Sing and the Begums of Oudh.)

**\*Owen** ... Selections from Wellesley Despatches.

**\*Fifth Report of the Select Committee on the affairs of the East India Company. Bengal Presidency including Grant's Analysis.**

*Economic History of England and India.*

**\*Cunningham** ... Growth of English Industry and Commerce.

**\*Bowley** ... History of England's Foreign Trade in the XIXth Century.

**Traill** ... Social England, Vol. VI, Economic Section.

**Buxton** ... Finance and Politics.

**\*Ashley** ... Economic Organisation of England.

**Imperial Gazeteer of India Vol. III (Economic).**

**History of Commerce in India, 1765-1918.**

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\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

*Comparative Politics.*

*Kautilya	...	Arthasastra, (Trans. Shama Sastri.)
Pramathanath Banerjea	...	Public Administration in Ancient India.
*Aristotle	...	Constitution of Athens (Tr. Poste).
Zimmern	...	Greek Commonwealth.
*Coulanges	...	Ancient City (Tr. Small).
Warde Fowler	...	The City State of the Greeks and Romans.
Maine	...	Ancient Law.
*Sidgwick	...	Growth of European Polity.
*Freeman	...	Comparative Politics.
*Lowell	...	Governments and Parties in Continental Europe.
*Allen Smith	...	Spirit of American Government.
*Allen	...	Evolution of Governments and Laws.
Ogg	...	Government of Europe

Special period of European History—The French Revolution, 1789-94.

*Cambridge Modern History	Vol. VIII.
*Mignet	... History of the French Revolution.
*Thiers	... History of the Great French Revolution.
DeToqueville	... France before the Revolution.
*Acton	... Lectures on the French Revolution.
*Carlyle	... History of the French Revolution edited by Flecher or Rose.
*Burke	... Reflections on French Revolution.
*Burke	... Letters on Regicide Peace.
*Young	... Travels in France during the years 1787-89.
*Aulard	... Political History of the French Revolution.
*Wickham Legg	... Select documents of the French Revolution.
Putzger	... Historical Atlas.

(B) Books that may be referred to or consulted.

## PAPER 1.

Hassal	...	Balance of Power.
Morse Stephens	...	Revolutionary Europe.

\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Seely	...	Life and Times of Stein.
Carlyle	...	Frederick the Great.
Arthur Young	...	Travels in France.
De Tocqueville	...	France before the Revolution of 1789.
Mahan	...	Influence of Sea Power upon the French Revolution.
Napier	...	History of the Peninsular War.
Goldwin	..	Three English Statesmen.
Rose	...	Napoleon.
Rose	...	Napoleon and Pitt.

## PAPER III.

Petrie and Mahaffy		History of Egypt.
Ancient Records	.	Egypt, translated by Breasted.
Brugsch	.	Egypt under the Pharaohs.
L. W. King	..	Egypt and Western Asia in the light of recent discoveries.
H. R. Hall	..	
John Garstang	..	Burial Customs of Ancient Egypt.
Maspero	..	Dawn of Civilization.
Maspero	..	Struggle of the Nations.
Maspero	..	Passing of the Empires.
G. E. Smith	..	Ancient Egyptians.
Rogers	..	History of the Assyrians and Babylonians.
Perrot and Chipiez	..	History of Egyptian Art.

## PAPER IV.

Dicey	...	Law of the Constitution.
Dicey	...	Law and Public Opinion in England.
Hearn	..	Government of England.
Anson	...	Law and Custom of the Constitution.
Hassal and Wakeman		Constitutional Essays.
Maitland	...	Constitutional History of England.
Lowell	...	Government of England.
Stubbs	...	Select Charters. Ed. Davis.
Prothero	...	Select Statutes and Constitutional Documents.
Gardiner	...	Constitutional Documents of the Puritan Revolution.

## PAPER V.

Oppenheim	...	Treatise on International Law.
Higgins	...	Hague Peace Conferences.
Woolsey	...	Introduction to International Law.

Maine	...	Lectures on International Law.
Scott	...	Cases on International Law.
Westlake	...	International Law (two parts).

## PAPERS VI AND VII.

*History of Islam.*

Al Suyuti	...	History of the Caliphs (Tr. Jarrett).
Price	...	Mahomedan History from Persian Authorities.
Malcolm	...	History of Persia.
Creasy	...	Ottoman Turks.
Freeman	...	Ottoman Power in Europe
Bayley	...	Guzerat.
Tabakat-i-Nasiri, translated, by Raverty.		
Muntakhab-ul-Tawarikh, translated by Ranking.		
Ain-i-Akbari, translated by Blochmann and Jarrett.		
Akbar Nama, translated by Beveridge.		
Jadunath Sarkar	...	India under Aurangzeb.
Memoirs of Jehangir, edited and translated by Rogers and Beveridge (Oriental Translation Fund Series).		
J. N. Das Gupta	...	India in the Seventeenth Century (University Readership Lectures).
Bury	...	Later Roman Empire.
Finlay	...	History of Greece, Vols. I to III.
Hurgronje	...	Mohammadism.
DeGoeje	...	Caliphate (En. Brit).
Weil	...	Islamic Peoples translated by Khoda Buksh.
Muir	...	Life of Mohammed.
Ameer Ali	...	Spirit of Islam.
Renan	...	Studies in Religious History (Islam).
Dozy	...	Spanish Islam.
Lane Poole	...	History of Egypt (Middle Ages).
Lane Poole	...	Moors in Spain.
Haines	...	Islam and Christianity in Spain.
Ferrier	...	History of the Afghans.
Count Von Noel	...	Life of Akbar translated by Beveridge.
Osborn	...	Islam under the Arabs.
Osborn	...	Islam under the Khalifs of Baghdad.

*Economic History of England and India.*

Macpherson	...	Annals of Commerce.
Rogers	...	Six Centuries of Work and Wages.

Rogers	...	Industrial and Commercial History of England.
Rogers	...	Economic Interpretation of History.
James Bonar	...	Philosophy and Political Economy.
Dowell	...	History of Taxation and Taxes in England.
Macpherson	...	History of European Commerce with India.
Macdonnell	...	Report on the Food-grain supply in Bengal and Bihar, 1873-74.
Ranade	...	Essays on Indian Economics.
Dutt	...	India in the Victorian Age.
Morrison	...	Industrial Organization of an Indian Province.
Lipson	...	Economic History of England (the Middle Ages).

#### Report of the Famine Commission, 1898.

#### *Comparative Politics.*

Greenidge	...	Greek Constitutional History.
Greenidge	...	Roman Public Life.
Jenks	...	Law and Politics in the Middle Ages.
Freeman	...	History of Federal Governments.
Freeman	...	Greater Britain and Greater Greece.
Guizot	...	History of Civilization
Bryce	...	Holy Roman Empire.
Bryce	...	Studies in History and Jurisprudence.
Bryce	...	American Commonwealth.
Lecky	...	Democracy and Liberty.
Hammond	...	Comparative Politics.
Maine	...	Popular Government.
Temperly	...	Second Chambers.
The Federalist.		

#### *History of the French Revolution.*

Michelet	...	Historical View of the French Revolution.
Smyth	...	Lectures on the French Revolution.
Von Sybel	...	History of Europe during the French Revolution.
De Tocqueville	...	French Revolution.
Taine	...	French Revolution.
O'Connor Morris	...	French Revolution.



Morse Stephens	...	History of French Revolution.
Morse Stephens	...	Principal speeches of Statesmen and Orators of French Revolution.
Madelin	...	French Revolution in National History of France.
Mahan	...	Influence of Sea Power on French Revolution.
Rose	...	Pitt and Napoleon.
Clapham	...	Causes of the War of 1792.
Mortimer Ternaux	...	History of the Terror.
Morley	...	Critical Miscellanies, Vol. I (Robespierre).
Morley	...	Rousseau.
Willert	...	Mirabeau.

Read a letter from Mr. W. A. J. Archbold, M. A., regarding the re-appointment of Babu Aswinikumar Mukherjee, M. A., Professor, Dacca College, as University Lecturer in History at Dacca for a term of two years with effect from the beginning of the session 1918-19.

**RESOLVED—**

That the Board report to the Syndicate that Babu Aswinikumar Mookerjee should be re-appointed University Lecturer in History at Dacca for a term of two years.

**RESOLVED—**

That the University Lecturers in the Sixth year Class be informed that each of them may discontinue lectures in his own subject on such date as he may consider suitable.

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Political Economy and Political Philosophy, dated the 25th February, 1918.

**“ RESOLVED—**

(1). That the following gentlemen be appointed Post-Graduate Teachers in Economics for the session 1918-19 :—

- Dr. Pramathanath Banerjee, M.A., D.Sc.
- Babu Pramathanath Banerjee, M.A.
- „ Satischandra Chakrabarti, M.A.
- „ Durgagati Chatteraj, M.A.
- „ Rohinimohan Chaudhuri, M.A.

Mr. J. C. Coyajee, B.A., LL.B.  
 Babu Praphullachandra Ghosh, M.A., B.Sc.  
 Prof. C. J. Hamilton, M.A.  
 Mr. J. C. Kydd, M.A.  
 Babu Panchanandas Mookerjee, M.A.  
 „ Radhakamal Mookerjee, M.A.  
 „ Jitendraprasad Niyogi, M.A.  
 „ Satischandra Ray, M.A.  
 „ Krishnabinod Saha, M.A.  
 „ Bejoykumar Sarkar, A.B.  
 „ Bipinbihari Sen, M.A.  
 Mr. A. C. Sen Gupta, M.A.  
 Babu Jogischandra Sinha, M.A.

(2). That Mr. Ramachandra Rau Basavarsu, M.A., (Gold Medalist, 1917) be appointed an Assistant for a term of two years on a remuneration of Rs. 200 a month.

(3). That Babu Krishnabinod Saha, M.A. (now Lecturer Victoria College, Cooch Behar) and Babu Rohinimohan Chaudhuri, M.A. (now Lecturer, D. A. V. College, Lahore) be appointed Lecturers for a term of three years each.

(4). That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :

Names.	Monthly Salary. Rs.
Dr. Pramathanath Banerjee, M.A., D.Sc.	... 425
Babu Satischandra Charabarti, M.A.	... 250
„ Durgagati Chattoraj, M.A.	... 225
„ Rohinimohan Chaudhuri, M.A.	... 200
„ Praphullachandra Ghosh, M.A., B.Sc.	... 200
Babu Radhakamal Mookerjee, M.A.	... 250
„ Jitendraprasad Niyogi, M.A.	... 225
„ Satischandra Ray, M.A. ...	... 600
„ Bejoykumar Sarkar, A.B. ...	... 300
„ Jogischandra Sinha, M.A. ...	... 225
„ Krishnabinod Saha, M.A. ...	... 200

(5) That, subject to the sanction of the authorities of their respective Colleges, an honorarium of Rs. 100 a month be offered to each of the following gentlemen :—

*Presidency College.*

Mr. J. C. Coyajee, M.A.  
 Babu Panchanandas Mookerjee, M.A.  
 Mr. A. C. Sen Gupta, M.A.,

*Scottish Churches College.*

Mr. J. C. Kydd, M.A.

The Chairman stated that he had arranged with Captain J. W. Petavel R. E. (Retired) to deliver a course of five lectures on the Poverty Problem.

RESOLVED—

That the lectures be published after delivery.

RESOLVED—

That the following books be recommended for the M.A. Examination :—

### M.A. EXAMINATION, 1920.

#### POLITICAL ECONOMY AND POLITICAL PHILOSOPHY.

##### PAPERS I AND II.—*General Economics.*

*A. Marshall	Principles of Economics.
*Taussing	... Principles of Political Economy.
Withers	.. Money Changing.
*Bastable	.. International Trade.
Pigou	... Wealth and Welfare.
Todd	... Mechanism of Exchange.
Bartholomew and Lyde	.. Atlas of Economic Geography (for reference).

##### PAPER III.—*General Principles of Political Philosophy.*

*Sidgwick	... Principles of Politics.
J. S. Mill	.. Liberty.
*J. S. Mill	.. Representative Government.
*Green	... Lectures on Political Obligations.
*Willoughby	... Nature of the State.
Hobhouse	... Social Evolution and Political Theory.

##### PAPER IV.—*Public Administrations.*

*Lowell	... Government of England.
*Dicey	... Law of the Constitution.
*Bastable	... Public Finance.
*Keith	... Responsible Government in the Dominions.
Egerton	... Rise and Growth of British Colonies.
P. Mookerjee	... Indian Constitutional Documents.
Ayyangar	... Indian Constitution.

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\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Imperial Gazetteer of India—Vol. IV (Administrative).

Fifth Report of the Select Committee of the House of Commons, 1812 (Extracts and Documents published by the Calcutta University and Introduction to "Early Revenue History of Bengal, by Ascoli).

Fifth Decennial Report on Moral and Material Progress, 1913.

## GROUP A.

### PAPER V.—*General History of Economics*

*Haney	...	History of Economic Thought.
Gide and Rist	...	A History of Economic Doctrines.
Meredith	...	Economic History of England (from the Industrial Revolution).
Cunningham	...	Progress of Capitalism in England.
Lucas	...	Beginnings of English Overseas Enterprise.
*Malthus	...	Population (Selections, Economic Classic Series, Macmillan & Co.)
*Ricardo	...	Political Economy (Selections, Economic Classic Series, Macmillan & Co.)
*Mun	...	England's Treasure by Foreign Trade, (Economic Classic Series, Macmillan & Co.)

### PAPERS VI AND VII.

#### (i) *The History, Theory and Present Systems of Banking and Currency.*

*Conant	..	Principles of Money and Banking.
Pierson	...	Principles of Economics, Vol. I, Part II, (Money).
*Fisher	...	Purchasing Power of Money.
*Dunbar	...	History and Theory of Banking.
Burton	..	Commercial Crises.
*Withers	...	Stocks and Shares.
Andreades	...	History of the Bank of England.
Layton	...	Introduction to Study of Prices.

Marshall's Evidence, Gold and Silver Commission, 1888.

Report of the Royal Commission on Indian Currency and Finance, 1914.

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\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

(ii) *History, Theory and Present Organisation of International Trade.*

Chapters bearing on the subject in Ricardo, J. S. Mill and Cairnes.

List	...	National System of Political Economy, Book II.
*Pigou	...	Protective and Preferential Import Duties.
Giffen	...	The Use of Import and Export Statistics (Essay IX in Vol. I of Economic Inquiries and Studies).
Goschen	...	Foreign Exchanges.
P. Ashley	...	Modern Tariff History.
Taussig	...	Tariff History of the United States.
Bowley	...	England's Foreign Trade in the XIXth Century.
*Brown	...	International Trade and Exchange.
*Taussig	...	Aspects of the Tariff Question.
Clare	...	A. B. C. of Foreign Exchange.
Marshall	...	White Paper on Tariff Policy.

Views of the Government of India on the Question of Preferential Tariffs 1904. Cd. 1931.

Review of the Trade of India (latest issue).

(III) *The Theory and Practice of Statistics including Demography.*

*A. L. Bowley	...	Elements of Statistics.
*Giffen	...	Economic Inquiries and Studies, 2 Vols.
Giffen	...	Statistics.
Bowley	...	Measurement of Social Phenomena.
Mayo Smith	...	Statistics and Economics.
*Yule	...	Introduction to Statistics.

The Jubilee Volume of the Royal Statistical Society.

British and Foreign Trade and Industries, being Memoranda, etc., prepared by the Board of Trade (commonly called the Fiscal Blue Books). Imperial Gazetteer, Vol. I, Chapters IX and X.

Moral and Material Progress of India—Decennial Edition, 1913.

\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

*(iv) Mathematical Economics.*

- \*Cunningghame ... Geometrical Political Economy.  
 \*Cournot ... Mathematical Principles of the  
   Theory of Wealth (Economic  
   Classic Series, Macmillan & Co.).  
 \*Jevons ... Theory of Political Economy.  
 Marshall ... Principles of Economics (Mathe-  
   matical Appendices).  
 \*Pantaleoni ... Pure Economics.  
 Edgeworth ... Mathematical Psychics.  
 Wicksteed ... Alphabet of Economic Science.  
 \*Wicksteed ... Common Sense of Political Economy.  
 Articles by Elux, Seager, Chapman, Pigou and Edgeworth  
 in the Economic Journal (bearing on Mathematical Economics).  
 Pigou ... Wealth and Welfare.

*(v) Elements of Statistics and the Mathematical treatment  
of Economic Theory.*

- Giffen ... Statistics.  
 Mayo Smith ... Statistics and Economics.  
 \*Yule ... Introduction to Statistics.  
 \*Cunningghame ... Geometrical Political Economy.  
 \*Cournot ... Mathematical Principles of the  
   Theory of Wealth (Economic  
   Classic Series, Macmillan & Co.).  
 \*Pantaleoni ... Pure Economics.  
 \*Wicksteed ... Common Sense of Political  
   Economy.

## GROUP B.

PAPER V.—*General History of Political Philosophy.*

Theories of the State contained in—

- \*Aristotle ... Politics.  
 \*Hobbes ... Leviathan.  
 \*Locke ... Second Treatise on Government.  
 \*Rousseau ... Social Contract.  
 \*Kant ... Principles of Politics (Hastie's transla-  
   tion of the four Essays on Political  
   Theory).  
 \*Bentham ... Fragment on Government.  
 \*Bosanquet ... Philosophical Theory of State.  
 \*Dunning ... History of Political Theories.  
   (a) Ancient and Mediæval.  
   (b) From Luther to Montesquieu.

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\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

## PAPERS VI AND VII.

*Comparative Study of Political Institutions.*

*Kautilya	...	Arthasastra (Trans. Shama Sastri).
Pramathanath Banerjea	...	Public Administration in Ancient India.
*Aristotle	...	Constitution of Athens (Tr. Poste)
*Zimmeru	...	Greek Commonwealth.
*Coulanges	...	Ancient City (Tr. Small).
*Warde Fowler	...	The City State of the Greeks and Romans.
*Maine	...	Ancient Law.
*Sidgwick	...	Growth of European Polity.
*Freeman	...	Comparative Politics.
*Lowell	...	Governments and Parties in Continental Europe.
*Allen Smith	...	Spirit of American Government.
*Allen	...	Evolution of Governments and Laws.
Ogg	...	Governments of Europe.
Sidney Low	...	Governance of England.

*Comparative Study of Social Institutions.*

Comte	...	Positive Philosophy (Tr. Miss Martineau, Book VI).
Lester Ward	...	Dynamic Sociology Vols. I-II.
*Giddings	...	Principles of Sociology.
Mayo Smith	...	Sociology Vol. II.
*Tylor	...	Primitive Culture.
Fraser	...	Totemism and Exogamy Vol. II.
Lecky	...	Lecky's History of Morals in Europe.
*Mackenzie	...	Introduction to Social Philosophy.
C. D. Wright	...	Elements of Practical Sociology.
Risley	...	Peoples of India.
Gait	...	Census Report for India, 1911.
Harold Mann	...	Deccan Village.

*International Law with reference to existing Political and Economic Institutions*

*Hall	...	International Law.
*Westlake	...	Internal Law (Peace and War), 2 Vols.
*Higgins	...	Hague Peace Conferences.
*Wheaton	...	International Law edited by Phillipson.

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\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

\*Pitt Cobbett ... Cases on International Law, 2 Vols.

\*Stowell and Monro ... International Cases, 2 Vols.

### Paper VIII

#### Essay.

#### Groups A & B.

Candidates will be required to write an essay on some topic connected with one of the following subjects; the essay must treat the topic chosen by the candidate with a special reference to Indian conditions.

- |                  |                             |
|------------------|-----------------------------|
| 1. Famines.      | 4. Industrial Organisation. |
| 2. Co-operation. | 5. Currency Problems.       |
| 3. Railways.     | 6. Land Systems."           |

#### RESOLVED—

That the Proceedings be confirmed.

Read a Memo. from the Registrar, forwarding a copy of letter No. 1070, dated the 21st December, 1917, from the Government of India, Department of Education, sanctioning the changes proposed in the syllabus prescribed for the M.A. Examination in English, Pali and History, in Chapter XXXIII of the University Regulations.

#### ORDERED—

To be recorded.

Read an application from Babu Dhirendranath Basu, an Assistant in the Office of the Secretary to the Council of Post-Graduate Teaching in Arts, who was suffering from enteric fever and was granted leave for one month with full pay and also an extension of leave for one week with effect from the 1st February, 1918, praying for a further extension of leave for two weeks with effect from the 8th February, 1918, on the ground that he is still incapable of joining the office and enclosing a medical certificate in support of his application.

#### RESOLVED—

That the leave be extended as prayed for.

Read a Memo. from the Registrar, forwarding a copy of letter No. 54 dated the 22nd January, 1918, from the Secretary, Government of India, Department of Education, conveying

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\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.



sanction of the Governor General in Council to the reappointment of Dr. H. Stephen, M.A., D.D., for a further period of three years with effect from the 18th January, 1918.

ORDERED—

To be recorded.

Read a Memo. from the Registrar, forwarding a copy of his letter No. 7643 dated the 13th February, 1918 addressed to Professor R. S. Knox, M.A., informing that leave for one year on half pay has been granted to him with effect from the 1st June, 1917.

ORDERED—

To be recorded.

Read a letter from Pandit Asutosh Shastri, M.A., Professor of Sanskrit, Presidency College and University Lecturer in Sanskrit, stating that as the Presidency College had no affiliation for M.A. Examination in Sanskrit, he has to work in the Post-Graduate classes in addition to his ordinary duties and praying that the question of his honorarium may be considered along with the Professors of the Government Colleges other than the Presidency College.

RESOLVED—

That the application be forwarded to the Director of Public Instruction, Bengal, for consideration and orders.

The Registrar enquired as to how the Government of India grant of Rs. 15,000 for University Lecturers should be applied in payment of honorarium during the Session 1918-19.

RESOLVED—

That the grant be distributed as follows :—

	Rs.
The Hon'ble Dr. A. Suhrawardy ...	200
S. M. Khalil Ahmed ...	100
Shams-ul-Ulama Vilayat Hussain...	100
Maulvi Abu Musa Ahmadul Huq ...	100
Shaikh Abu Nasr Gilani ...	100
Aga Kazim Shirazi ...	100
Principal H. C. Maitra ...	250
Mr. J. R. Banerjea ...	100
Dr. Satischandra Vidyabhushan ...	200
	<hr/>
	1,250

(Yearly Rs. 15,000).

The Registrar reported that it was necessary to give directions to the students in respect of attendance and work in the tutorial classes.

**RESOLVED—**

That it be notified that students, who absent themselves from the tutorial classes or neglect their tutorial work, will not be promoted from the Fifth-year Class to the Sixth-year Class or sent up to the University Examination, as the case may be.

Read a Memo. from the Director of Public Instruction, Assam, forwarding a copy of Education Department Notification No. 1-G, dated the 14th January, 1918, awarding a Research Scholarship of Rs. 100 to Srijut Kameswar Das, M.Sc. to enable him to carry on research work in Mathematics under the supervision of Dr. C. E. Cullis, M.A., Ph.D., Hardinge Professor of Mathematics.

**RESOLVED—**

That the student be placed in charge of Professor Cullis.

Read an application from the students of the Fifth-year English Class stating that some of them have sent in their names to the Inter Collegiate Tennis Tournament to be played at the Y. M. C. A. grounds, as representatives of the Post-Graduate Classes and praying that the entry fee of Rs. 5, which is generally paid by the Colleges may be paid by the Post-Graduate Teaching Department of the University.

**RESOLVED—**

That the amount be paid.

The Registrar placed before the meeting a copy of a gate-book of the Post-Graduate students' mess at 50-3 B, Srigoal Mallik Lane.

**RESOLVED—**

That the students concerned be warned that a breach of the residence rules will render them liable to be dealt with as for breach of discipline.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

P. BRÜHL,

*Registrar.*

# Proceedings of the Council of Post Graduate Teaching in Arts.

FOR THE YEAR 1917-18.

## No. 10.

THE 4TH MARCH, 1918.

### Present :

- The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L.  
D.Sc., Ph.D., *President, in the Chair.*  
Sir Gooroo Dass Banerjee, Kt., M.A., D.L., Ph.D.  
The Hon'ble Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.  
Dr. Haridas Bagchi, M.A., Ph.D.  
Babu Gauranganath Banerjee, M.A.  
    „ Hariprasanna Banerjee, M.Sc.  
    „ Manmathanath Banerjee, M.Sc.  
    „ Muralidhar Banerjee, M.A.  
    „ Pramathanath Banerjee, M.A.  
    „ Satischandra Basu, M.A.  
Prof. Haridas Bhattacharyya, M.A.  
Babu Mohinimohan Bhattacharyya, M.A.  
    „ Pasupatinath Bhattacharyya, M.A.  
    „ Indubhusan Brahmachari, M.A.  
    „ Niranjana Prasad Chakrabarti, M.A.  
    „ Prabhatchandra Chakrabarti, M.A.  
    „ Satischandra Chakrabarti, M.A.  
    „ Sasindrachandra Dhar, M.Sc.  
    „ Phanindralal Ganguli, M.A.  
    „ Surendramohan Ganguli, M.Sc.  
    „ Praphullachandra Ghosh, M.A., B.Sc.  
    „ Satischandra Ghosh, M.A.  
    „ Rajanikanta Guha, M.A.  
    „ Manoranjan Gupta, M.A.  
Prof. C. J. Hamilton, M.A.  
Babu Susilkumar Maitra, M.A.  
    „ Narendrakumar Majumdar, M.A.  
    „ Rameschandra Majumdar, M.A.  
    „ Surendranath Majumdar, M.A.  
Maulvi Abu Musa Ahmadul Haq

Babu Ambikacharan Mitra, M.A.

„ Sailendranath Mitra, M.A.

„ Radhakamal Mookerjee, M.A.

„ Jitendraprasad Niyogi, M.A.

„ Hemchandra Raychaudhuri, M.A.

„ Satischandra Ray, M.A.

„ Bijaykumar Sarkar, A.B.

Pandit Sakalnarayan Sarma.

Vedantabhisarad N. S. Anantakrishna Sastri.

Mahamahopadhyay Iaksmān Sastri.

Pandit Sitaram Sastri.

Dr. Brajendranath Seal, M.A., Ph.D.

Babu Saileswar Sen, M.A.

„ Surendranath Sen, M.A.

Dr. Narendranath Sengupta, M.A., Ph.D.

Pandit Haragobinda Das Sheth.

Babu Jogischandra Sinha, M.A.

Shaikh Abu Nasr Gilani.

Prof. H. Stephen, M.A., D.D.

T. S. Sterling, Esq., M.A.

The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D.

Mahamahopadhyay Pramathanath Tarkabhushan.

Pandit Sivakumar Tarkadarsanatirtha.

Mahamahopadhyay Dr. Satischandra Vidyabhushan, M.A.  
Ph.D.

G. C. Bose, Esq., M.A.

The Council met to consider the Proceedings of the Executive Committee, dated the 25th February, 1918, printed copies of which had been previously circulated to all the Members.

The President drew attention to the more important recommendations of the Executive Committee.

Dr. Brajendranath Seal moved that the Proceedings of the Executive Committee, dated the 25th February, 1918 (annexed herewith) be confirmed.

Dr. H. Stephen seconded the motion, which was put to the vote and carried unanimously.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

P. BRÜHL,

*Registrar.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1917-18.

No. 15.

THE 13TH MARCH, 1918.

## Present :

The Hon'ble Sir Asutosh Mookerjee, Kt, C.S.I., M.A., D.L., D.Sc, Ph.D.,  
*President, in the Chair.*

The Hon'ble Dr. Devaprasad Sarva-	Maulvi Abu Musa Ahmadul Haq.
dhikary, C.I.E., M.A., L.L.D.	Professor Brajendranath Seal, M.A.,
The Hon'ble Rev. Dr. G. Howells, M.A.	Ph.D.
Ph.D., B.Litt., B.D.	Rev. Dr. W. S. Urquhart, M.A., D.Phil.
Professor H. Stephen, M.A., D.D.	Prof. D. R. Bhandarkar, M.A.
Mahamahopadhyay Dr. Satischandra	Babu Bipinbihari Sen, M.A., B.L.
Vidyabhushan, M.A., Ph.D.	Babu Satischandra Ray, M.A.
The Hon'ble Dr. Abdullah-al-Mamun	Dr. Syamadass Mukerjee, M.A., Ph.D.
Suhrawardy, M.A., Ph.D.	Babu Indubhushan Brahmachari, M.A.

Read the following Proceedings of the Board of Higher Studies in History, dated the 12th March, 1918 :

“ RESOLVED—

That the following course of study be prescribed for the newly established course in Ancient Indian History and Culture :

## M.A. Examination, 1920

### History

### Ancient Indian History and Culture

## COMPULSORY PAPERS.

### 1. General History of Vedic and Epic India.

- \*Weber ... History of Indian Literature (pages 1—195).  
\*MacDonell ... History of Sanskrit Literature (Chaps. I—X).

\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- \*Hopkin ... The Great Epic of India.  
 \*D. R. Bhandarkar ... Carmichael Lectures, First Series (1918).  
 \*Muir ... Sanskrit Texts, Vol. V.  
 Kaegi ... Rigveda.  
 Zimmer ... Altindisches Leben, Book I. Ch. 4 and Book II. Ch. 1.

2—3 *Political History of the post-Epic Period.*

- \*V. A. Smith ... Early History of India.  
 \*Bombay Gazetteer, Vol. I.  
 Krishnaswami Aiyangar Ancient India.  
 \*Pargiter ... Dynasties of the Kali Age.  
 \*Inscriptions relating to Pal and Sen dynasties.  
 \*D. R. Bhandarkar ... Carmichael Lectures, First Series (1918).  
 \*Stein ... Rajatarangini (Introduction only).

4. *Historical Geography of Ancient India.*

- \*Cunningham ... Ancient Geography of India.  
 \*Periplus of the Erythraean Sea.  
 \*Ptolemy ... Geography of India.  
 \*Watters ... Yuan Chwang.  
 Fleet ... Topographical List of Brihatsamhita (Indian Antiquary, 1893, pp. 169—195).  
 Vivien de St. Martin... Etude sur la géographie et les populations primitive du nord-ouest de l'Inde d'après les Hymnes Védiques.  
 Pargiter ... Translation of Mārkaṇḍeya Purāṇa. (Bhuvana-kośa only).  
 Foucher ... Notes on the Geography of Gāndhāra.  
 \*Reports of the Archaeological Survey of India about Takṣaśilā, Isipatana, Vaisālī, Śrāvastī, Rājagṛiha and Kuśināra.

OPTIONAL PAPERS.

I. ARCHÆOLOGY.

(1) *Epigraphy.*

- \*Inscriptions of Aśoka.  
 \*Inscriptions of Khāravela and Śātavāhana Kings.  
 \*Inscriptions of the Kharapada families.  
 \*Inscriptions of the Imperial Gupta Dynasty.

\*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

(2) *Fine Arts and Iconography.*

- \*V. A. Smith ... History of Fine Arts in India and Ceylon.  
 \*Havell ... Indian Sculpture and Painting.  
 \*Gopinath Rao ... Elements of Hindu Iconography.  
 \*Grunwedel ... Buddhist Art.

(3) *Numismatics.*

- \*Smith ... Catalogue of the Coins in the Indian Museum. (Up to the end of the Gupta period.)  
 \*Rapson ... Catalogue of Coins : Andhras, Western Ksatrapas &c.  
 \*Allan ... Catalogue of Coins : Gupta Dynasties.  
 \*Whitehead ... Catalogue of the Coins of the Punjab Museum, Lahore, Vol., I.

(4) *Ancient Architecture.*

- \*Ferguson ... History of Indian and Eastern Architecture, Vols. I—II.  
 \*Havell ... Ancient and Mediæval Architecture of India.

## II. SOCIAL AND CONSTITUTIONAL HISTORY.

(1—3) *Social and Economic Life and Administration.*

- \*Zimmer ... Altindisches Leben.  
 Rhys Davids ... Buddhist India.  
 \*Hillebrandt ... Ritualliteratur Chaps. I—II (Grundriss).  
 \*Fick ... Die Sociale Gliederung in Nordöstlichen Indien.  
 Mrs. Rhys Davids ... Notes on Early Economic Conditions in Northern India (Jour. R. As. Soc., London, 1901, pp. 859-888). Economic Journal for 1901.  
 \*Kaṭṭilya ... Artha-Śāstra.  
 \*Mahābhārata-Sāntiparvan—Sections 56-157.  
 Banerjea ... Public Administration in Ancient India.  
 \*Manu ... Institutes (trans. Bühler).  
 \*Gautama, Baudhāyana, Apastamba and Vasishṭha Dharma Sūtras. (Sacred Books of the East Series).

\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- \*Alberuni ... India (omitting the mathematical details), trans. Sachan.  
 \*Periplus of the Errythrean Sea.  
 Rawlinson ... India and the Western World.  
 \*D. R. Bhandarkar ... Carmichael Lectures, First Series (1918).

(4) *Ethnology.*

- \*Keane ... Ethnology.  
 \*Baine ... Ethnography (from the Grundriss).  
 \*Risley ... Caste, Tribe and Race, (in the Report on the Census of India for 1901).  
 \* " ... Peoples of India.  
 \*Senart ... Castes in India (Indian Antiquary, 1912, pp. 101-114 and pp. 129-139).  
 \*D. R. Bhandarkar ... Foreign Elements in the Hindu Population (Indian Antiquary, 1911, pp. 7-37).  
 Ramaprosad Chanda ... The Indo-Aryan Races.  
 \*Risley ... Manual of Anthropometry.  
 Craniological Data from the Indian Museum, Calcutta.

### III. RELIGIOUS HISTORY.

*General.*

- \*Hopkin ... Religions of India (Handbook on the History of Religions Series),  
 \*Barth ... Les Religions de L'Inde et Bulletins des religions de l'Inde, Vols. I & II.

(1) *Vedic Religion.*

- \*Bloomfield ... Religion of Veda.  
 \*MacDonell ... Vedic Mythology.  
 \*Hillebrandt ... Rituelliteratur, Chaps. I, III and IV.

(2) *Epic and Pauranic Religions.*

- R. G. Bhandarkar ... Vaisnavism, Śaivism and Minor Religions Systems (omitting XIX-XXV of Part I).



(3) *Buddhism.*

- \*Rhys David ... American Lectures.  
 \*Mrs. Rhys David ... Buddhism.  
 \*Kern ... Manual of Indian Buddhism.  
 \*Spence Hardy ... Manual of Buddhism.  
 \*Oldenberg ... Buddha.  
 \*I-tsing : ... Records of the Buddhist Religion  
 (Takakusu).  
 \*Fa Hian ... Travels (Legge).  
 \*Warren ... Buddhism in Translations  
 \*Hoernle ... Manuscript Remains of Buddhist  
 Literature found in Eastern  
 Turkestan, Vol. I, (the translations  
 and notes only).

(1) *Jainism.*

- \*Jacobi ... Introduction and Translation of the  
 Jaina Sutras, Parts I & II (Sacred  
 Books of the East, Vols. XXII &  
 XLV).  
 \*R. G. Bhandarkar ... Report on the Search of Sanskrit  
 Manuscripts in the Bombay  
 Presidency during the year 1883-4,  
 pp. 91-157.  
 \*Bühler ... On the Indian Sect of the Jainas  
 (translated and edited with an out-  
 line of Jaina Mythology by  
 Burgess).  
 \*Vijayānandasūri ... Śrī-Jainatattvadarśa.

## IV. INDIAN ASTRONOMY AND MATHEMATICS.

(1) *Mathematics.*

Selected text on Mathematics for critical, historical and comparative study :—

- Śulva-Sutras.  
 \*Thibaut ... On the Śulva-Sutras.  
 J. A. S. B., Vol. 44.  
 The Pandit, Vols. 9 & 10 (Old Series) ;  
 Vols. 1 & 4 (New Series).  
 Burk ... Das Apastamba Śulva-Sutras.  
 Z. D. M. G., Vols. 55 & 56.

\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

(2) *Mathematics.*

History of Mathematics, with special reference to the works of Āryyabhata I, Varāha Mihira, Brahmeḡupta, Āryyabhata II, Mahāvira, Sridhara, and Bhāskarachāryya.

The following books are recommended :—

- \*Āryyabhatiyam, ... edited by Dr. Kern.  
 Brahma-sphuta-siddhanta, ... edited by Pd. Sudhakara Dvivedi  
 Maharyya-siddhanta of Āryyabhata II.  
 \*Mahavira ... Ganita-sara-samgraha (Madras).  
 Sridhara ... Trisatika edited by Pd. Sudhakara Dvivedi.  
 Do. ... edited by G. R. Kaye and K. Ramanujachariya.  
 Lilavati and Vija-ganita, ... edited by Pd. Sudhakara Dvivedi.  
 Do. ... edited by Pd. Radhaballabh Jyotistirtha.  
 Lilavati ... edited by H. C. Banerji.  
 \*Colebrooke, ... Translation of the Lilavati and the Vijaganita, and the Chapters on Mathematics in the Brahma-sphuta-siddhanta.  
 Rekha-ganita of Jagannath of the court of Jaysimha. Vol. I, 1901; Vol. II, 1902. Bombay.  
 Smith, D.F., ... Hindu-Arabic Numerals.  
 Schubert, H., ... Mathematical Essays and recreations, translated by T. J. McCormack.

(3) *Astronomy.*

Selected Text on Astronomy for critical, historical and comparative study :—

\*Suryya-Siddhanta.

Editions and Translations recommended :

- Suryya-siddhanta, ... edited by Pd. Bapudev Shastri and Fritz E. Hall.  
 Do. ... Translated by Burgees & Whitney, J. Am. Orient. Society, Vol. VI.  
 Do. ... edited by Vijnanananda Swami.

(4) *Astronomy.*

History of Astronomy, with special reference to Jyotisa-Vedanga, Jaina Astronomy, the (modern) Suryya-siddhanta, and to the works of Āryyabhata I, Varāha Mihira, Brahmeḡupta, Āryyabhata II, Munjala, and Bhaskaracharyya.

\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

The following books are recommended :—

- Jyotisa Vedanga, ... by "Varhaspatya" (Lala Chhote Lall.)  
 Yajusa Jyotisaṃ, ... by Pd. Sudhakara Dvivedi.  
 \*Thibaut, ... Contributions to the Study of the  
 Jyotisa-Vedanga. J. A. S. B., 1877.  
 \*Thibaut, ... On the Suryya-prajñapti. J. A. S. B.,  
 1880.  
 \*Aryyabhatiyam, ... edited by Dr. Kern.  
 \*Pancha-siddhantika, ... Translated by Dr. Thibaut and Pd.  
 Sudhakara Dvivedi.  
 \*Kern ... Preface to the Brihat-Samhita of  
 Varaha Mihira, (Collected Works,  
 Vol. 4).  
 Brahma-sphuṭa-siddhanta, ... edited by Pd. Sudhakara Dvivedi.  
 Maharyya-siddhanta.  
 Munjala ... Laghumāṇasa.  
 Satananda ... Bhaswati.  
 \*Bhaskara ... Siddhanta Siromani, edited by  
 Pd. Bapudev Shastri.  
 Do. ... by Pd. Bapudev Shastri  
 and Wilkinson.  
 Sudhakara Dvivedi ... Ganaka-tarangini.  
 Yogesh Chandra Ray ... Amader Jyotisa O Jyotisi.  
 Siddhanta-sekhara of Jagannath of the court of Jaysimha.  
 \*Bentley, J., ... Hindu Astronomy.  
 Bailley, J. F., Histoire de l'astronomie ancienne depuis son  
 origine jusqu'à l'établissement de l'école d'Alexandria (1871).  
 Playfair ... (1) On the Astronomy of the Brahmans;  
 (2) On the Trigonometry of the Brahmans.  
 Collected Works, Vol. III.  
 \*Brennand, ... Hindu Astronomy.  
 Whitney, Oriental and Linguistic Studies (Series II, 1875),  
 the twelfth Essay.  
 \*Whitney ... The Lunar Zodiac, on the views of  
 Biot and Weber respecting the  
 relations of the Hindu and Chinese  
 systems of asterisms; with an  
 addition on Müller's Views, etc.  
 Max Müller, ... On Ancient Hindu Astronomy and  
 Chronology, (Preface to Rig Veda,  
 Vol. 4).

\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

*Thibaut,	Grundriss der Indo-arischen Philologie, Vol. III, No. 9.
Bhau Daji, Tilak,	Articles in the "Indian Thought" on the History of Indian Astronomy. Literary Remains. The Orion.
" Jones,	The Arctic Home of the Vedas. Articles on Indian Astronomy, Collected Works, Vol. I.
Davis, S., Montucla,	On Hindu Astronomy, As. Res., Vol. II. Histoire des Mathematiques, Vol. I, Part I, Book 3.
Delambre Marie,	Histoire de Astronomie, Vol. I. Histoire des Sciences Mathematiques et physiques, Vol. II. (The Articles on Aryabhata, Brahmagupta, Bhaskara).
Cantor,	Geschichte der Mathematik.

\* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

#### RESOLVED—

That the course of Public Lectures delivered by Prof. D. R. Bhandarkar be published by the University in an edition of one thousand copies, and that the following be included in the list of books previously prescribed for the compulsory paper on Ancient Indian History at the M A., Examination of 1920,

D. R. Bhandarkar ... Carmichael Lectures, First Series (1918).

#### RESOLVED—

"That Rai Bahadur B.A. Gupte, F.Z.S. be appointed a University Lecturer, to deal specially with ethnography as included in the newly established course in Ancient Indian History and Culture for the M.A. Examination."

#### RESOLVED—

That the Proceedings be confirmed.

#### RESOLVED—

That the Executive Committee recommend that Dr. Harendracoomar Mookerjee, M.A., Ph.D., be appointed Secretary to the Council of Post-Graduate Teaching in Arts for a term of five years from the commencement of the session 1918-19, and that he be placed on the grade Rs. 500-50-750 (his initial salary to be Rs. 550 a month).

**RESOLVED—**

That the monthly salaries of the undermentioned members of the office staff be fixed at the sum mentioned against the name of each, from the commencement of the ensuing session :—

Dwijendranath Bose.	...	...	...	100
Basantakumar Nag	..	...	...	80
Pulinbihari Ray	...	...	...	60
Bhupatinath Taraphdar	...	...	...	60
Ramkumar Biswas	...	...	...	20

Read a petition from Satya Narain, who had been on the menial staff of the University for many years and was at present attached to the Office of the Secretary to the Council, praying for increase of salary.

**RESOLVED—**

That the salary of the applicant be fixed at Rs. 14 from the commencement of the ensuing session.

Read a letter from Babu Nikhilnath Maitra, M.A., University Lecturer in English, requesting that leave without pay may be granted to him up to the end of the current session on account of ill-health.

**RESOLVED—**

That the application be granted with effect from 1st March, 1918.

Read a letter from Nawab Imadul Mulk Syed Hussain Bilgrami, B.A., C.S.I., who was offered an Examinership in Arabic for the M.A. Examination, 1918, regretting his inability to accept the appointment on account of ill-health.

**ORDERED—**

To be recorded.

The Registrar reported that Babu Probodhkumar Mookerjee had been permitted to attend Dr. Taraporewala's lectures on Comparative Philology for the current session as a free student.

**RESOLVED—**

That the action taken be approved.

Read a memo. from the Principal, Sanskrit College, forwarding a copy of letter No. 294 Edu. dated the 7th February, 1918, from the Under Secretary to the Government of Bengal, General Department, Education Branch, addressed to the Director

of Public Instruction, Bengal, sanctioning for the current session only, the acceptance by the Professors and the Lecturers of the Sanskrit College of the remuneration for their appointment as University Lectures in the scheme of Post-Graduate studies. .

**ORDERED—**

To be recorded.

Read an endorsement from the Principal, Scottish Churches College, forwarding an application, recommended by Dr. Urquhart, from Brajendranath Raychaudhuri, a fifth-year Philosophy student attached to the S. C. College, praying for a free studentship on the ground of straitened circumstances.

**RESOLVED—**

That the application be granted.

Read a letter from Babu Praphullachandra Ghosh, M.A., Lecturer, Presidency College and University Lecturer in English, who has been suffering from fever and was granted leave up to the 11th March, 1918, praying for an extension of leave up to the 23rd March, 1918.

**RESOLVED—**

That the application be granted.

Read a letter from the Resident Superintendent of the Post-graduate Students' Mess at 50-3B, Srigopal Mallik Lane.

**RESOLVED—**

That the Secretary be authorised to engage, in consultation with the Superintendent, a Durwan for the Mess-house on a salary of Rs. 12 a month.

Confirmed.

**ASUTOSH MOOKERJEE,**

*President.*

**P. BRÜHL,**

*Registrar.*

# Proceedings of the Council of Post-Graduate Teaching in Arts

FOR THE YEAR 1917-18.

## No. 11.

THE 15TH MARCH, 1918.

### Present :

- The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A.  
D.L., D.Sc., Ph.D., *President, in the Chair.*
- Pandit Sitikantha Bachaspati.  
Dr. Haridas Bagehi, M.A., Ph.D.  
Babu Gauranganath Banerjee, M.A.  
„ Hariprasanna Banerjee, M.Sc.  
„ Manmathanath Banerjee, M.Sc.  
„ Muralidhar Banerjee, M.A.  
„ Pramathanath Banerjee, M.A.  
Prof. D. R. Bhandarkar, M.A.  
„ Haridas Bhattacharyya, M.A.  
Mahamahopadhyay Kaliprasanna Bhattacharyya, M.A.  
Babu Kokileswar Bhattacharyya, M.A.  
„ Mohinimohan Bhattacharyya, M.A.  
„ Pasupatinath Bhattacharyya, M.A.  
Niranjanprasad Chakrabarti, M.A.  
Prabhatchandra Chakrabarti, M.A.  
Satischandra Chatterjee, M.A.  
Sunitikumar Chatterjee, M.A.  
Durgagati Chatteraj, M.A.  
J. C. Coyajee, Esq., B.A., LL.B.  
Babu Rabinramohan Datta, M.A.  
„ Susilkumar De, M.A.  
„ Surendramohan Ganguli, M.Sc.  
„ Praphullachandra Ghosh, M.A., B.Sc.  
„ Satischandra Ghosh, M.A.  
„ Manoranjan Gupta, M.A.  
„ Susilkumar Maitra, M.A.  
„ Narendrakumar Majumdar, M.A.  
„ Rameschandra Majumdar, M.A.  
„ Surendranath Majumdar, M.A.  
Maulvi Abu Musa Ahmadul Haq.

Babu Ambikacharan Mitra, M.A.  
 Mr. Khagendranath Mitra, B.A.  
 Babu Sailendranath Mitra, M.A.  
 „ Bijaygopal Mukerjee, M.A.  
 „ Radhakamal Mukerjee, M.A.  
 Dr. Syamadas Mukerjee, M.A., Ph.D.  
 „ Jitendraprasad Niyogi, M.A.  
 Babu Hemchandra Raychaudhuri, M.A.  
 „ Bijaykumar Sarkar, A.B.  
 Vedantabisarad N. S. Anantakrishna Sastri.  
 Mahamahopadhyay Laksman Sastri.  
 Pandit Sitaram Sastri.  
 Dr. Brajendranath Seal, M.A., Ph.D.  
 Babu Bipinbihari Sen, M.A.  
 „ Saileswar Sen, M.A.  
 „ Surendranath Sen, M.A.  
 Dr. Narendranath Sengupta, M.A., Ph.D.  
 Pandit Haragobinda Set.  
 Babu Jogischandra Sinha, M.A.  
 Shaikh Abu Nasr Gilani.  
 Shams-ul-Ulama Vilayet Hossain.  
 Syed Muhammad Khalil Ahmed, M.A.  
 Mahamahopadhyay Pramathanath Tarkabhusan.  
 „ Gurucharan Tarkadarsanatirtha.  
 Pandit Sivakumar Tarkadarsantirtha.  
 „ Krishnacharan Tarkalankar.  
 „ Rajendranath Vidyabhusan.

The Council met to consider the Proceedings of the Executive Committee, dated the 13th March, 1918, printed copies of which had been previously circulated to all the Members.

The President drew attention to the more important recommendations of the Executive Committee.

Dr. Brajendranath Seal moved that the Proceedings of the Executive Committee, dated the 13th March, 1918, (annexed herewith) be confirmed.

Mr. J. C. Coyajee seconded the motion, which was put to the vote and carried unanimously.

(Confirmed).

ASUTOSH MOOKERJEE,

*President;*

P. BRÜHL,

*Registrar*



# **Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.**

FOR THE YEAR 1917-18.

**No. 16.**

The 4th April, 1918.

PRESENT :

The Hon'ble Sir Asutosh Mookerjee, Kt, C.S.I., M.A., D.L., D.Sc., Ph.D.—  
*President in the Chair.*

The Hon'ble Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.	Maulvi Abu Musa Ahmadul, Haq.
Professor H. Stephen, M.A., D.D.	Rev. Dr. W. S. Urquhart, M.A., D.Phil.
Mahamahopadhyay Dr. Satischandra Vidyabhushan, M.A., Ph.D.	Babu Bipinbihari Sen, M.A.
Babu Muralidhar Banerjee, M.A.	„ Satischandra Ray, M.A.
The Hon'ble Dr. Abdullah-al-Mamun Subrawardy, M.A., Ph.D.	Mr. J. C. Coyajee, B.A., LL.B.
	Dr. Syamadas Mukerjee, M.A., Ph.D.

Read the following Proceedings of the Board of Higher Studies in English, dated the 4th April, 1918 :—

“ The Board met, at the request of the Syndicate, to consider the following letter from the President of the Governing Body of the Jagannath College, Dacca, forwarding the name of Rai Lalitmohan Chatterjee Bahadur, M.A., Principal, Jagannath College, Dacca, for appointment as University Lecturer in English at Dacca from the commencement of the session 1918-19.

From

F. C. French, Esq., C.S.I., I.C.S.,  
 Commissioner, Dacca Division and  
 President of the Governing Body,  
 Jagannath College.

To

The Registrar, Calcutta University,  
 Senate House, Calcutta.

*Dated Dacca, the 11th March, 1918.*

SIR,

I have the honour, under Chapter XI of the Regulations of the Calcutta University, to forward the name of Rai Lalit Mohan Chatterjee Bahadur, M.A., Principal, Jagannath College for appointment as University Lecturer at Dacca for Post-Graduate teaching in English.

The Governing Body of the College realise that, in order to enable Principal Chatterjee to do justice to his work as University Lecturer it will be necessary not only to set him free from part of his under-graduate teaching but also to arrange that he may get some help from his colleagues on the English staff. We are, therefore, willing to appoint an additional M.A. in English to the Collage staff, for two years in the first instance, on a pay of Rs. 150-10-250. We except that on these terms, we shall be able to secure a suitable man.

When this new man is appointed there will be five Professors on the English staff and it will be possible to provide six lectures a week for the Fifth-year Class and six lectures a week for the Sixth-year Class besides Seminar Work.

Ever since the College was raised to the first-grade, it has been teaching English up to the B.A. Honours standard and it has now established a reputation for sound teaching in that subject. Almost year after year students after obtaining their Bachelor's degree and desirous of continuing their studies under the same Professors leave the College with regret.

As Dacca is the only place outside Calcutta where there is some provision for Post-graduate teaching in English, the proposed arrangement will not, perhaps, be regarded as unnecessary multiplication of lectures. Although the Dacca College enjoys affiliation in English up to the M.A. standard, the numerical strength of the English staff there is only slightly

superior to that of Jagannath College and the appointment of an experienced and reputed Professor like Principal Chatterjee as University Lecturer will really be in the interests of good education.

With regard to the qualifications of Principal Chatterjee there can be no question. He is a first class M.A. in English of longer standing than any member of the Dacca College Staff in English except one who is senior to him by one year. He has been for some time Fellow of the University, Member of Board of Studies and Examiner in English. As a teacher of English he bears the highest reputation.

He will be helped by Professor Satischandra Sarkar, M.A. also an experienced and reputed teacher and by the additional Professor we propose to appoint. We propose to charge a fee of Rs. 5 from Post-graduate students, if the University approves. The lectures will be held at the Jagannath College.

Under these circumstances, may I request that you will be so good as to place before the Hon'ble the Vice-Chancellor and Syndicate this letter at your earliest convenience so that, if the appointment is sanctioned, work may be started with the commencement of the next session.

I have the honour to be,

SIR,

Your most obedient servant,

F. C. FRENCH,

*President.*

**RESOLVED—**

That the Board report to the Syndicate, under section 25 of Chapter XI of the Regulations, that in their opinion Rai Lalit Mohan Chatterjee, Bahadur, M.A., should be appointed a University Lecturer in English at Dacca for a term of two years from the commencement of the ensuing academic session."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Political Economy and Political Philosophy, dated the 4th April 1918:

"The Board proceeded to consider the arrangements to be made for the teaching of Statistics and Mathematical Economics during the session 1918-19.

**RESOLVED—**

That Mr. Surendramohan Sanyal, M.A. (Economics), M.Sc. (Mathematics), of State University of Iowa, be appointed a University Lecturer in Economics, for a term of two years from the commencement of the ensuing academic session, on a remuneration of Rs. 200 a month.

Read a letter from Babu Satischandra Ray, M.A. University Lecturer in Economics, suggesting that for the benefit of the Post-Graduate students in Indian Economics, Selections from official documents on subjects (most of which are rare and not easily accessible) should be published by the University.

**RESOLVED—**

(1) That the proposal be adopted and that steps be taken to prepare for publication, volumes of the following subjects, during the ensuing academic session :

1. Land Tenures and Land Legislation.
2. Indian Currency.
3. Railways.
4. Customs duties.

(2) That the work be entrusted to an Editorial Board constituted as follows :

Babu Satischandra Ray.  
Dr. Pramathanath Banerjee.  
Mr. J. C. Coyajee.  
Babu Panchanandas Mookerjee,

and that the other members of the staff be invited to co-operate with the members of the Editorial Board by communicating their suggestions to them.

(3) That 300 copies be printed of each volume, 50 copies to be presented to University Libraries in the British Dominions and America.

Read a letter from Babu Satischandra Ray, M.A. University Lecturer in Economics suggesting that Babu Jitendraprasad Niyogi, M.A., one of the members of the staff, be employed in research work in Indian Finance with a view to qualify himself for teaching the highly specialised course recently adopted by the Board.

**RESOLVED—**

That the proposal be adopted."

**RESOLVED—**

That the Proceedings be confirmed.

Read a memo from the Principal, Hooghly College, forwarding a copy of letter No. 194 Edu., dated the 7th February, 1918 from the Under-Secretary to the Government of Bengal, General Department, Education Branch, addressed to the Director of Public Instruction, Bengal, sanctioning for the current Session only, the acceptance by Babu Bhagabatkumar Sastri, M.A. Professor of Sanskrit of the Hooghly College, of the remuneration for his appointment as a University Lecturer in the scheme of Post-Graduate Studies.

**ORDERED—**

To be recorded.

The Registrar reported that a Durwan for the Post-Graduate Students' Mess at 3, Shambhuchandra Chatterjee's Street, had been engaged from the 15th March, 1918, on a salary of Rs. 12 a month.

**RESOLVED—**

That the action taken be approved.

Read an application from Babu Sasindrachandra Dhar, M.Sc., University Lecturer in Pure Mathematics, praying for leave for one month with effect from the 14th March, 1918 on account of the death of his father.

**RESOLVED—**

That the leave asked for be granted on full pay.

Read a letter from Mr. Surendramohan Sanyal, M.A., M.Sc., (who had been recommended for appointment as a University Lecturer in Economics with effect from the commencement of the ensuing academic Session) requesting that he may be permitted to make use of the University Library during the summer vacation to enable him to continue his researches on Statistics and Mathematical Economics.

**RESOLVED—**

That the permission asked for be granted.

**RESOLVED—**

That Mr. R. Kimura be appointed Instructor of Japanese (for the benefit of University Teachers and Advanced Students) for a term of one year from 1st May 1918, on a remuneration of Rs. 100 a month.

Read an endorsement from Mahamahopadhyay Dr. Satishchandra Vidyabhushan, M.A., Ph.D., forwarding an application

from Dr. Benimadhab Barua, M.A., D.Litt. (London), stating that he joined his appointment as University Lecturer in Pali on the 18th March, 1918 and requesting that his pay for the full month of March may be paid to him.

RESOLVED—

That half the salary for the month of March be paid to Dr. Barua.

Read an endorsement from Professor H. Stephen, M.A., D.D., forwarding an application, recommended by Babu Sunitikumar Chatterjee, M.A., and Babu Susilkumar De, M.A., University Lecturers in English, from Biswanath Sahay, a sixth-year English student, who has fallen short of the minimum percentage of attendance by 8 lectures, praying that the deficiency may be condoned with a view to enable him to appear at the forthcoming M.A. Examination in English as a University student.

Read an endorsement from Dr. Stephen, forwarding an application, recommended by Dr. H. C. Mookerjee, Babu Sunitikumar Chatterjee and Babu Susilkumar De, University Lecturers in English, from Lalmohan Pattanayak (a sixth-year student) who has fallen short of the minimum percentage of attendance by 5 per cent. on account of illness, praying that the deficiency may be condoned to enable him to appear at the ensuing M.A. Examination as a University Student.

Read an endorsement from Professor Stephen, forwarding an application from Sukhendubikas Banerjee (a sixth-year student in English) who has fallen short of the minimum percentage of attendance by 3.5 per cent. on account of illness, praying that the deficiency may be condoned to enable him to appear at the ensuing M.A. Examination as a University Student.

Read an endorsement from Professor Stephen, forwarding an application from Syed Ibni Imam (a sixth-year student in English) who has fallen short of the minimum percentage of attendance by 4 per cent. on account of illness, praying that the deficiency may be condoned to enable him to appear at the ensuing M.A. Examination as a University Student.

RESOLVED—

That, in view of the decisions of the Syndicate and the Senate in similar cases in the past, the applications be refused.

(Confirmed.)

ASUTOSH MOOKERJEE,  
*President.*

P. BRÜHL,  
*Registrar.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts

FOR THE YEAR, 1918-19.

## No. 17.

THE 29TH JUNE, 1918.

### PRESENT :

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc. Ph.D,  
*President in the Chair.*

The Hon'ble Sir Devaprasad Sarvadhikary, Kt., C.I.E., M.A., LL.D.	The Hon'ble Dr. Abdullah-al-Mamun Suhrawardy, M.A., Ph.D.
Professor H. Stephen, M.A., D.D.	Professor D. R. Bhandarkar, M.A.
Mr. T.S. Sterling, M.A.	Babu Bipinbihari Sen, M.A., B.L.
Mahamahopadhyay Dr. Satischandra Vidyabhushan, M.A., Ph.D.	Babu Satischandra Ray, M.A.
	Dr. Syamadas Mukerjee, M.A., Ph.D.

The preparation of the draft Budget for the session 1918-19 was postponed till the next meeting.

The Secretary reported that as one candidate had taken up Logic as Metaphysics in the forthcoming M.A. Examination, the Hon'ble the President had appointed Dr. Brajendranath Seal and Dr. Hiralal Haldar to set two papers jointly.

### RESOLVED—

That the action taken be approved.

The Secretary reported that the following Board of Examiners for the ensuing M.A. Examination in Comparative Philology had been formed by the Hon'ble the President :—

Dr. I. J. S. Taraporewala, B.A., Ph.D.  
 Dr. Mark Collins, B.A., Ph.D.  
 Mr. K. Amrita Row, M.A. [M.A., Ph.D.  
 Mahamahopadhyay Dr. Satischandra Vidyabhushan,  
 Dr. S. K. Belvalkar, M.A., Ph.D.  
 Mr. B. C. Majumdar, B.A.  
 Mr. S. K. Chatterjee, M.A.  
 Mr. Praphullachandra Ghosh, M.A.

**RESOLVED—**

That the action taken be approved.

Read a Memo. from the Controller of Examinations stating that the name of Mr. R. N. Gilchrist, M.A., who had been appointed Examiner in Economics for the ensuing M.A. Examinations, had been omitted through oversight in the printed Proceedings of the Executive Committee (No.11, dated the 22nd December, 1917) under head "External Examiners" on page 7.

**RESOLVED—**

That the omission be corrected.

The Secretary reported that the Hon'ble the President had appointed Dr. Brajendranath Seal as an Examiner for the forthcoming M.A. Examination in Philosophy (Paper II, Indian Philosophy, Special Branch) in place of Dr. Prabhu Dutt Shastri resigned.

**RESOLVED—**

That the action taken be approved.

The Secretary reported that the Hon'ble the President had appointed the following gentlemen, Examiners in Sanskrit (Groups D,E and G) for the forthcoming M. A. Examination ;—

**GROUP D.**

Mahamahopadhyay Lakshman Sastri.  
Babu Kokileswar Bhattacharyya, M.A.  
Mahamahopadhyay Pramathanath Tarkabhushan.  
Babu Nalinimohan Sastri, M.A.  
Dr. V. A. Sukthankar, Ph.D. (Indore).  
Pandit Anantakrishna Sastri.  
Pandit Sitaram Sastri.  
Babu Lakshminarayan Sastri, M.A. (Cotton College).

**GROUP E.**

Mahamahopadhyay Kamakhyanath Tarkabagis,  
Babu Kokileswar Bhattacharyya, M.A.  
Babu Dhireschandra Acharyya, M.A.  
Babu Anantaprasad Banerjee, M.A.  
Mahamahopadhyay Lakshman Sastri.  
Babu Muralidhar Banerjee, M.A.  
Pandit Sivakumar Tarkadarsanatirtha  
Rai Rajendrachandra Sastri, Bahadur, M.A.



## GROUP G.

Mahamahopadhyay Gurucharau Tarkadarsanatirtha.

Babu Pasupatinath Bhattacharyya, M.A.

Mahamahopadhyay Kamakhyanath Tarkabagis.

Mahamahopadhyay Dr. Satischandra Vidyabhushan, M.A.,  
Ph.D.

Pandit Sakalnarayan Sarma.

Mahamahopadhyay Dr. Ganganath Jha, D.Litt. (Allahabad)

Mr. S. Kuppuswami Sastriyar, M.A. (Madras, Presidency  
College).

Pandit Anantakrishna Sastri.

## RESOLVED—

That the action taken be approved.

The Secretary reported that Dr. H. Stephen and Dr. G. Howells had been appointed Examiners for the ensuing M.A. Examination in Greek.

## RESOLVED—

That the action taken be approved.

Read a Memo. from the Registrar, forwarding for consideration and advice of the Council, a copy of letter No. 2532 I.A.-7, dated, the 13th May, 1918, from the Registrar, Patna University, regarding admission of the Graduates of the Patna University to the M.A. and M.Sc. Examinations of this University.

## RESOLVED—

That candidates who have taken their B.A. or B.Sc. degree in the Patna University be admitted as students in the M.A. and M.Sc. Classes here on the same footing as B.A. or B.Sc. Graduates of this University—but that they should not, as a rule, be admitted as non-collegiate students.

Read a Memo. from the Principal, Sanskrit College, forwarding a copy of Memo. dated the 21st March, 1918 from the Officiating Director of Public Instruction, Bengal, informing that Babu Dhireschandra Acharyya, M.A., Librarian, Sanskrit College, who has been appointed a University Lecturer in Sanskrit from the commencement of the current session, has been granted leave for one year with effect from the 1st of June, 1918.

## ORDERED—

To be recorded.

Read a Memo. from the Asst. Director of Public Instruction, Bengal, forwarding a copy of letter No. 146-T. Edn; dated, the 9th May, 1918 from the Under-Secretary to the Government of Bengal, General Department, Education Branch, conveying the sanction of Government to the transfer of the services of Babu Radhagobinda Basak, M.A., Lecturer in Sanskrit, Rajshahi College to the Calcutta University for a period of two years from the commencement of the session 1918-19 for his employment as a University Lecturer.

ORDERED—

To be recorded.

Read a Memo. from the Registrar, forwarding a copy of letter No.  $\frac{1506G}{1F-5G}$ , dated, the 14th March, 1918, from the Director of Public Instruction, Bengal, regarding exemption from fees of M.A. students undergoing training in camp as members of the Indian Defence Force.

RESOLVED—

That fees be remitted for three months, and if they have been already realized, they be refunded to this extent.

Read a Memo. from the Registrar, forwarding a copy of letter No. 160T. Edn., dated, the 9th May, 1918, from the Secretary to the Government of Bengal, General Department, Education Branch, addressed to the Director of Public Instruction, Bengal, on the subject of co-operation of the Professors of the Presidency College as University Lecturers in the scheme of Post-Graduate Studies for the session 1917-18.

RESOLVED—

That the letter be recorded and the Secretary forward a similar communication to the Director of Public Instruction, Bengal as regards the work of the session 1918-19.

Read a Memo. from the Registrar, forwarding a copy of letter No. 282, dated, the 16th April, 1918, from the Government of India, Department of Education, sanctioning the changes recommended by the Board of Higher Studies in Comparative Philology, in Chapter XXXIII of the Regulations relating to the M.A. Examination in Comparative Philology (Regulation, pages 194-195).

ORDERED—

To be recorded,

Read a Memo. from the Registrar, forwarding a copy of letter No. 288, dated, the 17th April, 1918, from the Secretary, Government of India, Department of Education, sanctioning the appointment of the following gentlemen as University Lecturers for Post-Graduate teaching during the year 1918-19, on the salaries mentioned against their names and requesting that in future the Government of India may be supplied with fuller information regarding the academic qualifications of the Lecturers :—

	Rs.
The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D. ...	200
Mr. S. M. Khalil Ahmed, M.A. ...	100
Shams-ul-Ulama Vilayet Hossain ...	100
Maulvi Abu Musa Ahmadul Haqq ...	100
Shaikh Abu Nasr Gilani ...	100
Aga Kazim Shirazi ...	100
Mr. Herambachandra Maitra, M.A. ...	250
Mr. J. R. Banerjee, M.A. ...	100
Mahamahopadhyay Dr. Satischandra Vidyabhusan, M.A., Ph.D. ...	200

#### ORDERED—

To be recorded.

Read a Memo. from the Registrar, forwarding a copy of University Circular No. M-17 regarding residence of Post-Graduate students in attached messes.

#### ORDERED—

To be recorded.

The Secretary reported that Professor Limaye of the Fergusson College, Poona, who was requested by the Hon'ble the President to procure, for the Post-Graduate section of the University Library, a series of original authorities on Marhatta History, had been paid Rs. 500 by cheque, in advance.

#### RESOLVED—

That the action taken be approved.

Read a letter from Swami Kehelwatugoda Ratnajoti, who was appointed a University Lecturer in Pali, for the session 1918-19, regretting his inability to accept the appointment as his preceptor does not allow him to leave Ceylon at present.

#### ORDERED—

To be recorded.

Read a letter from the Accountant-General, Bengal, to the Registrar, reporting that Babu Ambikacharan Mitra, M.A., University Lecturer in Philosophy, has been granted a superannuation pension of Rs. 68-9-0 per mensem with effect from the 16th November, 1917.

**ORDERED—**

To be recorded.

Read a letter from the University Librarian, reporting the death of Behari, one of the peons of the Post-graduate Department attached to the Library and requesting that a substitute may be appointed in his place.

**RESOLVED**

That the Secretary do appoint a suitable man.

Read a Memo. from the Registrar, forwarding in original an application from Mr. T. Prakasa Rayadu, who passed the B.A. Examination of the Madras University in 1916, requesting that he may be permitted to join the Post-graduate Class in English (Group A) of this University, from the beginning of the current session.

**RESOLVED—**

That the application be granted.

Read a Memo. from the Registrar, forwarding an application in original from Mr. Niranjan Patnaik, who passed the B.A. Examination from the Madras University, in 1918, praying that he may be permitted to join the Post-graduate English (A) Class of this University from the commencement of the current session.

**RESOLVED—**

That the application be granted.

Read a letter from Pandit Rajendranath Vidyabhushan, Lecturer, Sanskrit College and University Lecturer in Sanskrit, requesting that leave for one month may be granted to him with effect from the 1st July, 1918 as he has been medically advised to go out for a change of air.

**RESOLVED—**

That the application be granted.

Read a Memo. No. 10592, dated. the 24th June, 1918, from the Additional Under-Secretary to the Government of Bengal, Political Department, Special Intelligence Department Branch,

forwarding copy of a petition from the father of Harischandra Sinha, who passed the B.Sc. Examination in 1915 and was interned under the Defence of India Rules in February 1916 and released in April, 1918, praying that his son may be permitted to resume his studies in the M.Sc. Class of the University.

**RESOLVED—**

That Harischandra Sinha be permitted to join the Sixth-year M.Sc. Class in Applied Mathematics.

Read a Memo. from the Registrar, forwarding an application from Mr. S. K. Godbole who passed the B.A. Examination of the Allahabad University in 1916, requesting that he may be permitted to join the Post-Graduate Class in English of this University from the beginning of the current session.

**RESOLVED—**

That the application be granted.

Read a letter from the Superintendent, Post-Graduate Mess, 50-3 B, Srigopal Mallik Lane, proposing that every boarder on admission should pay a fee of Rs. 2 to cover the necessary charges of sanitary arrangement of the mess.

**RESOLVED—**

That the letter be referred to the Students' Residence Committee for consideration.

Read an application from Ramlaksman Pandey, a bearer of the Office of the Secretary, praying that he may be granted leave for one month on full pay with effect from the 3rd July, 1918.

**RESOLVED—**

That the application be granted.

The Secretary placed before the meeting a travelling allowance bill of Babu Radhagobinda Basak for Rs. 31-10-9 for his journey from Rajshahi, to join his appointment as University Lecturer in Sanskrit.

**RESOLVED—**

That the bill be paid.

Read the proceedings of a meeting of the Staff in English, dated, the 25th June, 1918.

**ORDERED—**

To be recorded.

Read the proceedings of a meeting of the Staff in Sanskrit and Pali, dated, the 28th June, 1918.

**ORDERED—**

To be recorded.

Read the proceedings of a meeting of the Staff in Political Economy and Political Philosophy, dated the 28th June, 1918.

**ORDERED--**

To be recorded.

Read the proceedings of a meeting of the Staff in History dated, the 28th June, 1918.

**ORDERED—**

To be recorded.

Read the proceedings of a meeting of the Staff in Mental and Moral Philosophy and Experimental Psychology, dated, the 28th June, 1918.

**ORDERED—**

To be recorded.

Read the proceedings of a meeting of the Staff in Pure Mathematics, dated, the 28th June, 1918.

**ORDERED—**

To be recorded.

Read the proceedings of a meeting of the Staff in Arabic and Persian, dated, the 28th July, 1918.

**ORDERED—**

To be recorded.

Read the following proceedings of the Board of Higher Studies in English, dated, the 28th June, 1918.

**“RESOLVED—**

That the following distribution of work among the members of the staff for the session 1918-19 be approved :—

5th-year Class—3 sections of 100 students each.

6th-year Class—3 sections of 100 students each.

### **5th-YEAR CLASS.**

#### **Paper I.**

**Mr. S. C. De (Pre Eliz.)**

**Mr. Johnston—1625-1780.**

## Paper II.

Dr. H. C. Mookerjee (As You Like It).  
Mr. J. W. Holme (Volpone).

## Paper III.

Mr. M. Ghosh (Swinburne).

## Paper IV.

Mr. H. C. Maitra (Arnold).  
Mr. R. Guha (Milton—after finishing 6th-year work).  
Mr. P. C. Ghosh (Bacon).

## GROUP A.

## Paper V.

Mr. S. K. Chatterjee (History of  
Eng. Lang.)

## Paper VI.

Mr. J. G. Banerjee.  
Mr. S. K. Banerjee.

## Paper VII.

Dr. H. Stephen.  
Mr. S. Sen.

## GROUP B.

## Paper V.

Mr. S. K. Chatterjee.

## Paper VI.

Mr. T. S. Sterling.

## Paper VII.

Mr. N. Chatterjee.

## 6th-YEAR CLASS.

## Paper I.

Mr. B. G. Mookerjee (Pre Eliz. and Post Eliz.)  
Mr. S. C. De (Pre-Eliz).

## Paper II.

Dr. H. C. Mookerjee (Hamlet).  
Mr. J. W. Holme (Philaster).

## Paper III.

Mr. M. Ghosh (Swinburne).  
Mr. J. W. Holme (Spenser, after finishing Philaster).  
Dr. H. C. Mookerjee (Paradise Regained, after finishing  
Hamlet).

## Paper IV.

Mr. H. C. Maitra (Arnold).  
Mr. R. Guha (Milton).  
Mr. P. C. Ghosh (Bacon).

## GROUP A.

## Paper V.

Mr. P. C. Ghosh (Chaucer)

Mr. S. K. Chatterjee (History of  
Eng. Lang.)

## Paper VI.

Mr. J. G. Banerjee.

## Paper VII.

Dr. H. Stephen.

Mr. S. Sen.

## GROUP B.

## Paper V.

Mr. S. K. Chatterjee.

## Paper VI.

Mr. T. S. Sterling.

## Paper VII.

Mr. N. Chatterjee.

## TUTORIAL WORK.

The total number of students will be divided into 30 batches, 15 in each year. Four of these batches *viz.* two in the 5th-year Class and two in the 6th-year Class, will be composed of students attached to the Presidency College. To each member of the staff will be assigned one or more of these batches according to the following plan :—

Name.	No. of batches.
Mr. J. G. Banerjee	One.
Mr. N. Chatterjee	Three.
Mr. S. K. Chatterjee	One.
Mr. S. C. De	Two
Mr. M. Ghosh	Two. (Presidency Coll.)
Mr. J. W. Holme	Two. ( Ditto. )
Mr. S. Sen	Two.
Dr. H. Stephen	One.
Mr. R. Datta	Four.
Mr. M. Bhattacharyya	Four.
Mr. K. B. Ray	Four.
Mr. J. C. Ghosh	Four.
Miss R. Guha	Lady students.



## SUMMARY OF HOURS OF WEEKLY LECTURE WORK.

Name.	5th-year.	6th-year.
Mr. J. G. Banerjee ...	3	6
Mr. S. K. Banerjee ...	3	0
Mr. S. K. Chatterjee ...	3 + 1 (B)	3 + 1 (B)
Mr. S. C. De ...	3	3
Mr. M. Ghosh ...	3	3
Mr. P. Ghosh ...	3	6
Mr. R. Guha ...		3
Mr. J. W. Holme ...	3	3
Mr. A. B. Johnston ...	0	3
Mr. H. Maitra ...	3	3
Mr. B. G. Mookerjee ...	3	0
Dr. H. C. Mookerjee ...	3	3
Mr. S. Sen ...	3	3
Dr. H. Stephen ...	3	3
Mr. T. S. Sterling ...	2 (B)	2 (B)
Mr. N. Chatterjee ...	2 (B)	2 (B)"

## RESOLVED—

That the proceedings be confirmed.

Read the following proceedings of the Board of Higher Studies in Sanskrit, dated, the 28th June, 1918 :—

“ The following distribution of work among the members of the staff for the session 1918-19 was approved :—

5th and 6th-year Classes.

## COMPULSORY PAPERS.

## Paper I.

Pandit Sitaram Sastri.

„ Pasupati Sastri.

## Paper II.

Pandit Sakalnarayan Sarma.

„ Prabhatchandra Chakrabarti.

## Paper III.

Prof. Taraporewala.

Rai Rajendrachandra Sastri, Bahadur.

## Paper IV.

Mahamahopadhyay Dr. Satishchandra Vidyabhusana.

## GROUP A.

## Paper V.

Pandit Asutosh Sastri.

„ Prabhatchandra Chakrabarti.

## Paper VI.

Pandit Rajendranath Vidyabhushana.  
 „ Muralidhar Banerjee.

## Paper VII.

Pandit Asutosh Sastri.  
 Pandit Sivakumar Tarkadarsanatirtha.

## Paper VIII.

Mahamahopadhyay Pramathanath Tarkabhushana  
 Rai Rajendrachandra Sastri, Bahadur.  
 Pandit Rajendranath Vidyabhushana.

## GROUP B.

## Paper V.

Pandit Sitaram Sastri.  
 „ Prabhatchandra Chakrabarti.

## Paper VI.

Pandit Sitaram Sastri.  
 „ Pasupati Sastri.

## Paper VII.

Pandit Kokileswar Bhattacharyya.

## Paper VIII.

Pandit Krishnacharan Tarkalankar.

## GROUP C.

## Paper V.

Pandit Anantakrishna Sastri.  
 „ Pasupati Sastri.

## Paper VI.

Pandit Anantakrishna Sastri.  
 „ Pasupati Sastri.

## Paper VII.

Pandit Krishnacharan Tarkalankar.

## Paper VIII.

Pandit Krishnacharan Tarkalankar.  
 Pandit Pasupati Sastri.

## GROUP D.

## Paper V.

Mahamahopadhyay Laksman Sastri.  
 Pandit Dhireschandra Acharyya.

## Paper VI.

Mahamahopadhyay Lakshman Sastri.

## Paper VII.

Pandit Anantakrishna Sastri.  
Mahamahopadhyay Pramathanath Tarkabhushana.

## Paper VIII.

Pandit Kokileswar Bhattacharyya.

## GROUP E.

## Paper V.

Pandit Dhireschandra Acharyya.  
„ Sivakumar Tarkadarsantirtha.

## Paper VI.

Pandit Dhireschandra Acharyya.  
„ Sivakumar Tarkadarsantirtha.

## Paper VII.

Pandit Sivakumar Tarkadarsantirtha.  
„ Sitaram Sastri.

## Paper VIII.

Pandit Sivakumar Tarkadarsantirtha.  
Mahamahopadhyay Lakshman Sastri.

## GROUP G.

## Paper V.

Pandit Dhireschandra Acharyya.  
„ Sivakumar Tarkadarsantirtha.

## Paper VI.

Mahamahopadhyay Lakshman Sastri.  
Pandit Sivakumar Tarkadarsantirtha.

## Paper VII.

Mahamahopadhyay Pramathanath Tarkabhushana  
Pandit Kokileswar Bhattacharyya.

## Paper VIII.

Pandit Anantakrishna Sastri.  
„ Kokileswar Bhattacharyya.

## GROUP H.

## Paper V.

Pandit Hargovinda Das Sheth.

## Paper VI.

Pandit Muralydhar Banerjee.

## Paper VII.

Pandit Hargovinda Das Sheth.  
„ Muralydhar Banerjee.

Paper VIII.

Pandit Hargovinda Das Sheth.

„ Muralydhar Banerjee.

GROUP I.

Paper V.

M. M. Dr. Satishchandra Vidyabhushan.

Pandit Niranjnprasad Chakrabarti.

Paper VI.

Prof. D. R. Bhandarkar.

Pandit Radhagovinda Basak.

Paper VII.

Pandit Surendranath Majumdar.

„ Radhagobinda Basak.

„ Radhagobinda Basak.

„ Niranjnprasad Chakrabarti.

Paper VIII.

Mahamahopadhyay Dr. Satishchandra Vidyabhushan.

Pandit Surendranath Majumdar.”

RESOLVED—

That the proceedings be confirmed.

Read the following proceedings of the Board or Higher Studies in Pali, dated the 28th June, 1918 :—

“The following distribution of work among the members of the staff for the session 1918-19, was approved :—

Paper I.

Babu Sailendranath Mitra.

Samana Punnananda.

Paper II.

Mahamahopadhyay Dr. Satishchandra Vidyabhushan.

Rev. Siddhartha.

Paper III.

Rev. Siddhartha.

Mahamahopadhyay Dr. Satishchandra Vidyabhushan

Paper IV.

Dr. Benimadhab Barua.

Babu Nalinaksha Datta.

GROUP A.

Paper V.

Samana Punnananda.

Babu Nalinaksha Datta.

## Paper VI.

Babu Sailendranath Mitra.  
Samana Punnananda.

## Paper VII.

Prof. D. R. Bhandarkar.  
Babu Radhagobinda Basak.

## GROUP B.

## Paper V.

Dr. Benimadhab Barua.  
Rajaguru Bhagabanchandra Mahastabir

## Paper VI.

Rajaguru Bhagabanchandra Mahastabir.  
Dr. Benimadhab Barua.

## Paper VII.

Dr. Benimadhab Barua.  
Samana Punnananda.

## GROUP C.

## Paper V.

Babu Sailendranath Mitra.  
„ Nalinaksha Datta.  
Rev. Siddhartha.

## Paper VI.

Prof. D. R. Bhandarkar.  
Babu Radhagobinda Basak.

## Paper VII.

Babu Radhagobinda Basak.  
Prof. D. R. Bhandarkar.

## Paper VIII.

Mahamahopadhyay Dr. Satishchandra Vidyabhushan.  
Babu Surendranath Majumdar.

## GROUP D.

## Paper V.

Babu Surendranath Majumdar.  
Mr. J. Masuda.  
Babu Nalinaksha Datta.

## Paper VI.

Mahamahopadhyay Dr. Satishchandra Vidyabhushan.

## Paper VII.

Mahamahopadhyay Dr. Satishchandra Vidyabhushan.

## Paper VIII.

Babu Radhagobinda Basak.

## RESOLVED—

That the honorarium of Rs. 50 a month be sanctioned for Prof. D. R. Bhandarkar, with effect from the beginning of the Session 1918-19 for work in connection with the Pali Department.

## RESOLVED ALSO—

That Mr. J. Masuda, lately Senior Fellow at the Indian Institute of Philosophy, Amalner, be appointed Lecturer on Chinese-Buddhism and Instructor in Chinese, for a term of 3 years from 1st November next, on a salary of Rs. 200 a month.

## RESOLVED—

That the new and enlarged edition of the History of Indian Logic by Mahamahopadhyay Dr. Satishchandra Vidya-bhushan, be printed at the Baptist Mission Press, and published by the University”.

## RESOLVED—

That the proceedings be confirmed.

Read the following proceedings of the Board of Higher Studies in Comparative Philology, dated, the 28th June, 1918 :—

“The following distribution of work among the members of the staff was sanctioned :—

5th-year Class 1918-1919.

6th-year Class 1919-1920.

Paper I.

Dr. I. J. S. Taraporewala.

Paper II.

Dr. I. J. S. Taraporewala.

Babu Sunitikumar Chatterjee.

Paper III.

Dr. I. J. S. Taraporewala.

Paper IV.

Dr. I. J. S. Taraporewala.

Babu Bijaychandra Majumdar.

Paper V

Dr. I. J. S. Taraporewala.

Babu Sunitikumar Chatterjee.

„ Bijaychandra Majumdar.

## Paper VI.

Babu Bijaychandra Majumdar.  
 „ Sunitikumar Chatterjee.

## Paper VII.

Group A.—Dr. I. J. S. Taraporewala.  
 Group B.—Babu Bijaychandra Majumdar.

6TH-YEAR CLASS, 1918-19.

Papers, I, II and III.

Dr. I. J. S. Taraporewala.  
 Babu Sunitikumar Chatterjee.

Papers IV and V.

Dr. I. J. S. Taraporewala.  
 Babu Bijaychandra Majumdar.  
 „ Sunitikumar Chatterjee.

Papers VI and VII.

Babu Bijaychandra Majumdar.  
 „ Sunitikumar Chatterjee.

## RESOLVED—

That the course of lectures on the History of the Bengali language prepared by Mr. B. C. Majumdar be printed at the University Press in an edition of 500 copies and be published by the University.”

## RESOLVED—

That the proceedings be confirmed.

Read the following proceedings of a joint meeting of the Boards of Higher Studies in Sanskrit, Pali and Comparative Philology, dated, the 28th June, 1918 :—

“ Read the following Memorandum by the President :—

### OUTLINES OF A SCHEME FOR THE ADVANCED STUDY OF THE INDIAN VERNACULARS.

The time has long passed away when elaborate arguments were needed to make even Indian scholars realise the vital importance of a critical and scientific, historical and comparative study of the great Indian vernaculars. During the last twelve years, fortunately, the opinion has steadily gained ground that the intellectual activity of a corporation of scholars in this country may be most profitably directed towards a systematic investigation of the language and literature of our chief vernaculars. The duty has, indeed, been officially imposed upon one of the

Indian Universities to encourage research in vernacular literatures and languages and to foster their growth, by the publication of critical editions of early texts, and by historical investigations of their origins, early development and ramification into a variety of dialects. I have long maintained the view that a subject so extensive in scope, so well calculated to rouse intellectual curiosity, may fittingly be included in the scheme for our highest Degree Examinations. But this object can be successfully attained, only after the materials for study and investigation have been made easily accessible to teachers and students. This was precisely my purpose, when I induced Rai Saheb Dineschandra Sen to prepare, for the University, volumes of Typical Selections in Bengali on a quite comprehensive scale. These volumes present the development of the Bengali Language and Literature in a style never before attempted and have been enthusiastically acclaimed by competent scholars working in various seats of learning, in and beyond India. I am emphatically of opinion that the time has arrived when a further definite advance should be made in this direction, and plainly, the initiative should be taken by the Post-Graduate Department of the University. Animated by this desire, I have utilised my recent visits, in my capacity as a Member of the University Commission, to different parts of India, in discussing this question with a number of distinguished scholars, and I am now in a position to lay before my colleagues the outlines of my plan. My proposal in substance is that the services of competent scholars, wherever available, should be secured to prepare a series of volumes of Typical Selections, dealing with the chief Indian Vernaculars and illustrating the origin and development of both the language and the literature. The Selections will be made from sources published and unpublished, and manuscript materials will be utilised to the fullest extent desirable. The general plan of the volumes will be historical and critical, similar to that adopted for the Bengali Typical Selections, and I venture to entertain the hope that if the Selections are judiciously made, they will not only serve to illustrate linguistic and literary evolution, but will also help to illuminate many a dark corner of social, religious and administrative history. Each volume will be furnished with an introduction, glossary, notes and appendices. The volumes, as they become ready, will be published by the University and will no doubt tend to enhance its reputation as a true seat of learning. It is difficult to determine in advance the exact amount of honorarium which should be offered to each editor, as it must depend largely upon the extent of the individual work; but it may be generally stated that the amount will ordinarily vary between Rs. 1,000 and



Rs. 2,000. I am glad to be able to state that I have already secured the services of competent scholars for the undermentioned languages :

*Marathi.*

Mr. D. R. Bhandarkar, M.A., Carmichael Professor of Ancient Indian History and Culture.

#### PRAKRIT.

Dr. P. D. Gune, M.A., Ph.D, Professor, Fergusson College, Poona, under the guidance of Sir Ramkrishna Gopal Bhandarkar, K.C.I.E., M.A., Ph.D., LL.D.

#### ASSAMESE.

Srijut Hemchandra Goswami, author of the Assamese Lexicon Hemakosha.

Mr. Goswami has drawn up, with my approval provisionally given, the following scheme for compilation of the Typical Selections in Assamese.

"I propose to divide the Assamese literature into six different periods on historical and philological considerations.

The first period begins about 600 A.D., when the great Chinese traveller Huian Tsiang visited the country and extends up to 800 A.D. when the aphorisms of Dak were first reduced to writing. During this period, the literature remained in an unwritten state, and it was entirely lyrical in its nature. The cradle songs, the pastoral songs, the Bihu songs and the ballads of Assam, belong to this period. I propose to call this as lyrical period or *गीति युग*

The second period begins about 800 A.D., when the *mantras* and the aphorisms were first reduced to writing and extends up to 1200 A.D., the time when the regular written literature took its birth. I propose to style this period as the period of Mantras and aphorism or *मन्त्र आर भनिता युग*

The third period begins about 1200 A.D., when the translation of the *Purans* and *Ramayana* was taken in hand for the first time by writers like Hema Saraswati, Madhaba Kandali and Pitambar Dwija, to prepare the way for Vaisnavism in the next period and extends up to 1450 A.D., the time of Sankara's birth. I propose to call this as the Pro-vaisnavite period or *प्रक् वैष्णवी युग*

The fourth period commences 1450 A.D. with the birth of Sankara Deva, the great Exponent of Vaisnavism in Assam, and extends up to about 1600 A.D. All the great writers of Ancient Assamese literature flourished in this period, and the

literature was chiefly employed in this period for the propagation of Vaisnavism. I propose to call this as the Vaisnavite period or वैष्णवी युग

The fifth period begins about 1600 A.D. with the consolidation of the Ahom Power in the country and extends up to 1800 A.D., about which time the country came under British Rule. This period was marked by great literary activity, and numerous books were written on a variety of subjects by writers of all grades ; but, on the whole, it was a period of deterioration owing to the depredations caused by the Burmese and the Moamarias. As the literature in this period lost in depth, it gained in surface and so I propose to call this the period of extension or विस्तार युग

The sixth and the last period commences in 1800 A.D. with the advent of the British, and continues up to the present time. With the spread of English Education, the vernacular literature of the country assumed a new mould ; I propose to call this the modern age or वर्तमान युग and fix its limit at 1900 A.D.

The compilation will consist of two volumes of 1000 pages each ; it is proposed to form the first volume with selections from the first four periods and the second volume with selections from the last two periods. An introduction in English will be added to the first volume dealing with the history of the language and the literature, and a glossary of archaic words with meanings will be put at the second volume ”.

I am in communication with scholars interested in some of the other Indian Vernaculars, and I hope, when negotiations are sufficiently advanced, to lay before my colleagues supplementary proposals.

Read the following Note by Prof. D. R. Bhandarkar on the preparation of a work consisting of Typical Selections from Marathi :—

“The requirements of Philology as far as the Marathi language is concerned will be best satisfied by my giving transcripts of about half a dozen Marathi inscriptions ranging from the 11th to the 16th century. They will be accompanied by facsimilies of the most important ones. The value of these epigraphic materials can scarcely be exaggerated. As they are contemporary records, they must be taken as most faithfully representing the Marathi language or dialect of the period and of the locality to which they belong. If to this are added typical extracts from the earliest Marathi works from oldest

reliable manuscripts, we shall obtain an abundance of materials for the philologist to work upon.

Marathi literature I would divide into four main periods. The first extends roughly from the 11th to the middle of the 17th century. The literature of this period is characterised by great originality of thought and religious fervour. It is also noteworthy for the history of Maharashtra religions. For it is in this period that we have to take note of the curious combination of Vaishnavism with Saivism which is nowhere noticeable in the whole of India at any period. It is the engrafting of the Yoga practice and the शुद्धाद्वैत philosophy of the Saiva sect called Natha (नाथ) or Kanphada (कानफडा) on the original Vaishnavism of Maharashtra. And it is only at the beginning of the 16th century that the Advaita philosophy, if not the Yoga practice, was held up to ridicule and dissevered from the Bhakti Marga (भक्तिमार्ग). It will be seen that Vaishnavism of this period has a chequered history, and many are the works representing these phases of Vaishnavism. It was again in this first period that the Manbhav (मानभाव) sect arose. It has a distinct iconoclastic tendency, and what is strange is that it came into existence before the Muhammadans invaded Maharashtra. This sect has a vast literature of its own, which is very important for both political and religious history and also philology as most of its works are in the Marathi language of the 12th and 13th centuries. The adherents of this sect are notorious for their insularity and incommunicativeness, but I am glad I have prevailed on some of them to show me the most important portions of their literature. Not the least valuable works of this period, again, are Panchatantra ((पञ्चतन्त्र)) and कौकशास्त्र in old Marathi prose of the 13th century, perhaps the most curious being a Christian Purana (पुराण) by Thomas Stephens in Konkani Marathi poetry of the 16th century.

The second period ranges from about the middle of the 17th to about the middle of the 18th century. This was the age not so much of originality as of translation. It was in this period that the translation of the महाभारत and रामायण was taken in hand by poets like Amritarav, Moropant and so forth. Though originality was lacking, it was more than compensated by the martial spirit of the age which is reflected in the metrical Pavadas (पावाड) and the prose Bakhars (बखर).

The third period commences about 1750 A. D. Some attempt at originality is perceptible but there is a tendency towards frivolousness and lewdness. Some of the compositions of this period known as Lavani (लावणी) and Katav (कटाव) are exceedingly lyric and some even devotional.

The fourth period extends from 1805 A.D. down to the present day. This period shows the influence exercised by English education both on the Marathi language and literature but is not without originality of conception and good diction.

The Marathi literature spread over these periods is really so vast and varied that I am afraid it will not be possible for me to do justice to it except in two volumes, each containing about 1000 pages. These will consist of (1) the transcripts and facsimiles of the important Marathi inscriptions. (2) of typical extracts from the works of the renowned authors with small biographies and annotations wherever required, and (3) of two introductory essays one treating of the Marathi language from the philological point of view and the other giving an account of the various phases of the Marathi literature which have been very briefly adverted to. The volumes will also contain bibliographies showing which Marathi works have been printed and where and also which are the scholarly articles connected with them which a student of Marathi literature may consult with advantage."

Read at the request of the Syndicate the following resolution regarding the resuscitation of Prakrit language passed at the eleventh session of Jain Svetamber Conference held at Calcutta in December, 1917 :—

"It is resolved as our Jain Scriptures are mostly written in Maghadhi (or Prakrit) language, it is necessary to see the instructions imparted in that language, and specially to have its protection secured.

This conference asks Jain Scholars and institutions to make endeavours to the effect that the Prakrit language be prescribed in their curriculum as Second Language by the Universities in India, in order that Jain students may avail themselves of it as their Second Language, and this Conference expresses its thanks to the University of Calcutta for its inclusion of Prakrit language in its curriculum of studies and requests the other Universities to follow its example.

A copy of this Resolution be published in the public papers and be forwarded to the proper authorities of Calcutta and other Universities."

**RESOLVED—**

(1) That the scheme outlined by the President in his Memorandum be approved.

(2) That the undermentioned gentlemen be appointed to prepare Typical Selections in the languages mentioned, the Selections when ready to be published by the University :—

## MARATHI.

Mr. D. R. Bhandarkar, M.A., Carmichael Professor of Ancient Indian History and Culture.

## PRAKRIT.

Dr. P. D. Gune, M.A., Ph.D., Professor, Fergusson College, Poona, under the guidance of Sir Ramakrishna Gopal Bhandarkar, K C.I.E., M.A., Ph.D., LL.D.

## ASSAMESE.

Srijut Hemchandra Goswami, Author of the Assamese Lexicon Hemakosha.

## PALI.

Mahamahopadhyay Dr. Satischandra Vidyabhushan.  
Dr. Benimadhab Barua, M.A., D.Litt.

## URIYA.

Mr. B. C. Majumdar, B.A.

## HINDI.

Lala Sitaram, B.A.

(3) That the honorarium of the editors of Typical Selections in each of the languages be fixed at Rs. 2,000 and that Sir R. G. Bhandarkar be offered an honorarium of Rs. 1,000 for his help in the matter of Selections in Prakrit.

## RESOLVED—

That the President of the Jain Conference be informed that the University has taken steps for the preparation of a volume of Typical Selections in Prakrit with a view to promote the study of Prakrit language and literature which already forms part of the curriculum in Sanskrit for the M.A. Examination."

## RESOLVED—

That the proceedings be confirmed.

Read the following proceedings of the Board of Higher Studies in Political Economy and Political Philosophy, dated, the 28th June, 1918 :—

"The following distribution of work among the members of the staff was approved :—

Fifth-year Class—1 section—maximum 100.

Sixth-year Class—1 section—maximum 100.

## FIFTH-YEAR CLASS.

## PAPERS I-II.

(General Economics).

Mr. J. C. Coyajee.

## PAPER III.

(Principles of Political Philosophy).

Mr. D. G. Chatteraj.

## PAPER IV.

(Public Administration).

Mr. S. C. Ray

„ J. P. Niyogi.

Dr. P. N. Banerjea.

## SIXTH-YEAR CLASS.

## GROUP A.

## Paper V.

(History of Economics.)

Mr. A. C. Sengupta.

Mr. J. C. Sinha.

## Papers VI-VII.

(i) Banking and Currency.

Mr. J. C. Kydd.

Mr. B. K. Sarkar.

(ii) International Trade.

Mr. J. C. Coyajee.

Mr. K. B. Saha.

(iii) Statistics and Demography.

Mr. S. M. Sanyal.

(iv) Mathematical Economics.

Mr. P. C. Ghosh.

Mr. S. M. Sanyal.

## GROUP B.

## Paper V.

(History of Political Philosophy).

Dr. P. N. Banerjea. (Ancient).

Mr. P. D. Mukherjee. (Modern and Mediaeval).

## Papers VI-VII.

(i) Comparative Politics.

Mr. B. B. Sen (Ancient).

Mr. P. N. Banerjee (Modern).

## (ii) Sociology.

Mr. R. K. Mukerjee.

## (iii) International Law.

Mr. S. C. Chakravarti.

## Paper VIII.

## Essay.

- (a) Famines—Dr. P. N. Banerjee.
- (b) Co-operation—Mr. P. D. Mukherjee.
- (c) Railways—Mr. S. C. Ray.
- (d) Industrial Organisation—Mr. R. M. Chaudhuri.
- (e) Currency Problems—Prof. C. J. Hamilton.
- (f) Land Systems—Mr. S. C. Ray.

## TUTORIAL WORK.

The total number of students in the 5th-year and 6th-year Classes is not likely to exceed 120. These may be divided into 12 batches of 10 each. To each member of the staff will be assigned one of these batches according to the following plan, so that each such batch will be in charge of a particular teacher throughout the year; as far as practicable, (A) group students may be taken by 1-8, and (B) group students by 9-12 :—

- |                          |                             |
|--------------------------|-----------------------------|
| (1) Mr. R. M. Chaudhuri. | (7) Mr. R. C. Rau.          |
| (2) Mr. P. C. Ghosh.     | (8) Mr. S. M. Sanyal.       |
| (3) Mr. J. P. Niyogi.    | (9) Dr. P. N. Banerjee.     |
| (4) Mr. K. B. Saha.      | (10) Mr. S. C. Chakravarti. |
| (5) Mr. B. K. Sarkar.    | (11) Mr. D. G. Chattoraj.   |
| (6) Mr. J. C. Sinha      | (12) Mr. R. K. Mukerjee.    |

Each student will be expected to write on an average one short essay in two weeks on a prescribed subject, after he had an opportunity to study it in accordance with a course of reading indicated by his teacher. These will be corrected at home by the teacher, who will then meet the students in small groups, to question them on points which arise on the exercises and on cognate topics. A long list of subjects for essays with brief hints for reading, will be drawn up in the beginning of the session by all the members of the staff in consultation with each other.

Read a letter from the Joint Secretary, South Suburban College, Bhowanipur, requesting that Mr. S. C. Ray, M.A. University Lecturer in Economics, may be attached to the South Suburban College as contemplated under Section 33 of Chapter XI of the Regulations.

**RESOLVED—**

That the application be granted."

**RESOLVED—**

That the proceedings be confirmed.

Read the following proceedings of the Board of Higher Studies in History, dated, the 28th June, 1918 :—

"The following distribution of work among the members of the staff was approved :—

5th-year Class—1 Section of 125 students,

6th-year Class—I Section of 125 students.

**5th Year Class.**

Paper I (England)

Mr. B. B. Sen.

Paper II (Ancient India).

Mr. R. C. Majumdar.

Paper III (Ancient East).

Mr. G. N. Banerjee.

Paper IV. (Constitutional History).

Mr. J. N. Das Gupta.

Mr K. Zachariah.

Paper V. (International Law).

Mr. A. C. Dutt.

**Papers VI-VII**

(a) Islam—Mr. S. Khuda Buksh (Outside India).

Dr. A. Suhrawardy (In India).

(b) Comp. Politics—Mr. B. B. Sen (Ancient).

„ P. N. Banerjee (Modern)

„ N. Catterjee (Mediaeval).

(c) Modern India—Mr I. B. Banerjee.

„ S. Sen.

(d) Economic History—Mr. B. K. Sarkar (England).

„ J. C. Sinha (India).

(e) French Revolution—Mr. J. N. Das Gupta.

„ Taraporewala.

**6th-year Class**

Paper I (England).

Mr. B. B. Sen.



## Paper II (Ancient India).

Mr. R. C. Majumdar.

## Paper III. (Ancient East).

Mr. G. N. Banerjee.

## Paper IV. (Constitutional History).

Mr. J. N. Das Gupta.

Mr. K. Zachariah.

## Paper V. (International Law).

Mr. A. C. Dutt.

## Papers VI-VII.

(a) Islam—Mr. S. Khuda Buksh (Outside Indian).

Dr. A. Suhrawardy (In India).

(b) Comparative Politics—Mr. B. B. Sen (Ancient).

P. N. Banerjee (Modern).

(c) Modern India—Mr. H. C. Raychaudhuri.

S. Sen.

(d) Economic History—Mr. B. K. Sarkar (England).

J. Sinha (India).

(e) Reformation—Mr. K. Zachariah.

## Tutorial Work.

The students in each year will be divided into 12 batches, so that each batch will consist of 10 or 11 students. It is proposed to assign to each member of the staff one or more of these batches according to the following plan :—

<i>Name.</i>		<i>No. of batches.</i>
Mr. G. N. Banerjee	...	2
„ I. B. Banerjee	...	3
„ N. Banerjee	...	2
„ P. N. Banerjee	...	2
„ N. Chatterjee	...	3
„ J. N. Das Gupta	...	1
„ A. C. Dutt	...	1
„ R. C. Majumdar	...	2
„ H. C. Raychaudhuri	...	1
„ Arun Sen	...	1
„ B. B. Sen	...	1
„ S. Sen	...	2
„ Y. Taraporewala	...	2
„ Zachariah	...	1

## Summary of hours of weekly Lecture Work

<i>Name.</i>	<i>5th-year</i>	<i>6th-year.</i>
Mr. G. N. Banerjee	2	2
„ I. B. Banerjee	2	...
„ P. N. Banerjee	2	2
„ N. Chatterjee	2	...
„ J. N. Das Gupta	1	2
„ A. C. Dutt	2	2
„ S. Khuda Bukhsh	2	2
„ R. C. Majumdar	2	2
„ H. C. Raychaudhuri	...	2
„ B. K. Sarkar	2	2
„ B. B. Sen	3	4
„ S. Sen	2	2
„ J. C. Sinha	2	2
„ Y. Taraporewala	3	...
„ K. Zrechariah	2	2

## SPECIAL COURSE.

(Ancient Indian History and Culture).

## 5TH-YEAR CLASS.

*Compulsory Papers.*

## Paper II.

Mr. H. C. Raychaudhuri.

## Paper IV.

Mr. S. N. Majumdar.

## SPECIAL GROUPS

## I. Archæology—

## Paper V.

Prof. D. R. Rhandarkar.

Mr. R. G. Basak.

## Paper VIII.

Mr. Arun Sen.

## II. Social and Constitutional History—

## Paper V.

Mr. H. C. Chakladar.

## Paper VII.

Mr. N. C. Banerjee.

## III. Religious History—

## Paper V.

Mr. D. C. Acharyya.

## Paper VII.

Dr. B. Barua.

## Papers I-IV.

## IV. Astronomy and Mathematics—

Mr. P. Gangooly.

„ N. K. Majumdar.

„ P. C. Sengupta.

Pandit Babuya Misra.

## Summary of hours of weekly Lecture Work.

<i>Name.</i>		<i>5th-year.</i>
Mr. D. C. Acharyya	...	2
„ A. P. Banerjee	...	2
„ N. Banerjee	...	2
Dr. B. M. Barua	...	2
Mr. R. G. Basak	...	2
„ H. C. Chakladar	...	2
„ P. Gangooly	...	2
„ S. N. Majumdar	...	2
„ N. K. Majumdar	...	2
Pandit Babuya Misra	...	2
Mr. Arun Sen	...	2
„ P. C. Sengupta	...	2

2. The following time-table for Ancient History Class was approved :—

	12-1.	1-2.
Monday	Paper II	Paper V.
Tuesday	Paper IV	Paper VII ; Paper VIII of Group I.
Wednesday Tutorial and Seminar Work.		
Tuesday	Paper II	Paper V.
Friday	Paper IV	Paper VII ; Paper VIII of Group I.

## Tutorial and Seminar Work.

1st Month	{	1st Wednesday ...	Paper II.
	{	3rd Wednesday ...	Paper V.
2nd Month	{	1st Wednesday ...	Paper IV.
	{	3rd Wednesday ...	Paper VII and VIII of Group I.

and so on.

The President laid on the table the manuscript of an original Monograph on Ancient Hindu Polity by Mr. K. P. Jayaswal, M.A., (Oxon.)

RESOLVED—

That the work be printed at the University Press and published by the University, in an edition of 750 copies (as it would be of great use to Post-Graduate students in the department of History) at an estimated cost of. Rs. 1760.

RESOLVED—

(a) That Mahamahopadhyay Dr. Satishchandra Vidyabhusan be appointed Instructor in Tibetan and that he be entrusted with the work of preparation of an analytical table of the contents of the Tibetan Encyclopaedia Kangyur and Tangyur to be ultimately published by the University.

(b) That the remuneration of Dr. Satishchandra Vidyabhusan for the work in connection with Tibetan studies be fixed at Rs. 100 a month from 1st July next and that the services of a competent Sanskrit knowing clerk (to be appointed on a salary of Rs. 50 a month) be placed at his disposal. (The person to be selected by the President and the action taken to be reported to the Executive Committee).

The President made a statement as to the steps he had taken to promote the study of Chinese and Tibetan in the University and to secure the services of a learned Lama.

Read a letter from the Joint-Secretary, South Suburban College, Bhowanipur, requesting that Babu Pramathanath Banerjee, M.A., University Lecturer in History may be attached to the South Suburban College as contemplated under Section 33 of Chapter XI of the Regulations.

RESOLVED—

That the application be granted.

Read and endorsement from Dr. P. C. Ray, C.I.E., forwarding an application, strongly recommended by him from Babu Praphullakumar Sarkar, a candidate for the ensuing M.A. Examination in Economics, praying that one of the four Scholarships in the Department of Ancient Indian History and Culture may be granted to him for the Fine Arts or the Sociology Group.

Read an application from Babu Jnanranjan Dattagupta, who passed the M.A. Examination as a University Student in History, Class II, in 1917, praying that one of the four Scholarships in the Department of Ancient Indian History and Culture may be granted to him.

Read an application from Babu Sanjibkumar Guha-thakurta a candidate for the ensuing M.A. Examination in Sanskrit, Group I, who passed the B.A. Examination in 1916 with Second Class Honours in Sanskrit, praying that he may be granted one of the four Scholarships in the Department of Ancient Indian History and Culture for "Indian Mathematics and Astronomy" Group.

**RESOLVED—**

That the consideration of the items be postponed."

**RESOLVED—**

That the proceedings be confirmed.

Read the following proceedings of the Board of Higher Studies in Mental and moral Philosophy dated, the 28th 1918 :—

"The following distribution of work among the members of the staff was approved :—

5th-year Class :—1 Section of 125 students.

**LECTURES : COMPULSORY PAPERS :—**

Paper I. (Ancient Philosophy).

Mr. J. R. Banerjee—Socrates, Plato and Aristotle,  
1 hour in the week.

Mr. K. N. Mitter—History of Ancient Philosophy,  
1 hour in the week.

Paper II. (Mediaeval and Modern Philosophy).

Mr. S. K. Maitra—Mediaeval Philosophy, 1 hour in the week.

Dr. H. Halder—Modern Philosophy and Kant (Text) :—  
with Dialectic and Ethics from Kant to Hegel, 3 hours in the week.

Mr. K. Chatterjee—Renaissance and Hume (Text),  
1 hour in the week.

Dr. N. Sengupta—Contemporary Philosophy,  
1 hour in the week.

Paper III. (Outlines of Indian Philosophy).

Dr. P. D. Shastri—1 hour in the week.

Mr. S. K. Maitra—1 hour in the week.

Mr. S. C. Chatterjee—1 hour in the week.

**OPTIONAL.**

**PSYCHOLOGY.**

Dr. N. Sengupta—1 hour in the week.

Mr. H. D. Bhattacharyya—2 hours in the week.

## ETHICS AND SOCIOLOGY.

Dr. A. N. Mukherjee—Ethics, 2 hours in the week.

Dr. R. Khan—Sociology, 2 hours in the week.

## LOGIC.

## LOGIC (AS METHODOLOGY) (GROUP A).

Mr. A. C. Mitter—2 hours in the week.

Mr. P. K. Chakravarty—1 hour in the week.

## LOGIC (DIALECTIC) GROUP B.

Dr. B. N. Seal—1 hour in the week.

Dr. H. Haldar—1 hour in the week.

Mr. K. Bhattacharyya—1 hour in the week.

## PHILOSOPHY OF RELIGION.

Dr. W. S. Urquhart—1 hour in the week.

Mr. G. Ewan—1 hour in the week.

Mr. S. C. Chatterjee—1 hour in the week.

Indian Philosophy (Special Branch)—Sankhya-Vedanta Group.

Dr. B. N. Seal—2 hours in the week (jointly with the 6th-year Class).

Dr. P. D. Shastri—1 hour in the week (jointly with the 6th-year Class).

Mr. S. K. Maitra—1 hour in the week.

## SEMINAR AND TUTORIAL WORK.

To be arranged, after the classes are formed, on the plan adopted last year.

6th-year Class :—1 Section of 125 students.

## LECTURES.

## COMPULSORY PAPERS.

## Paper I (Ancient Philosophy).

Mr. J. R. Banerjee—1 hour in the week.

Mr. K. N. Mitter—1 hour in the week.

## Paper II (Mediaeval and Modern Philosophy).

Mr. S. K. Maitra—Mediaeval Philosophy.—1 hour in the week.

Mr. K. Chatterjee—Renaissance to Kant and Hume (Text) 1 hour in the week.

Dr. H. Haldar (Modern Philosophy from Kant downwards, Dialectic and Ethics from Kant to Hegel)—3 hours in the week.

Dr. P. D. Shastri—Contemporary Philosophy.—1 hour in the week.

**Paper III (Outlines of Indian Philosophy).**

Dr. P. D. Shastri—1 hour in the week.

Mr. S. K. Maitra—1 hour in the week.

Mr. S. C. Chatterjee—1 hour in the week.

**OPTIONAL.**

**PSYCHOLOGY.**

Dr. N. Sen Gupta—1 hour in the week.

Mr. H. Bhattacharyya—2 hours in the week.

**ETHICS AND SOCIOLOGY.**

Dr. A. N. Mukherjee—Ethics—1 hour in the week.

Dr. R. Khan—Sociology—2 hours in the week.

Mr. A. C. Mitra—1 hour in the week.

**LOGIC.**

**Logic (as Methodology) Group A.**

Mr. A. C. Mitra—2 hours in the week.

Mr. K. C. Bhattacharyya—1 hour in the week.

Mr. P. K. Chakravarti—1 hour in the week.

**PHILOSOPHY OF RELIGION.**

Dr. W. S. Urquhart—1 hour in the week.

Mr. G. Ewan—1 hour in the week.

Mr. S. C. Chatterjee—1 hour in the week.

**INDIAN PHILOSOPHY—SPECIAL BRANCH (Sankhya-Vedanta).**

Dr. B. N. Seal—2 hours in the week (jointly with the 5th-year Class).

Dr. P. D. Shastri—1 hour in the week (jointly with the 5th-year Class.)

Mr. S. K. Maitra—1 hour in the week.

**SEMINAR AND TUTORIAL WORK.**

Seminar work—As arranged last year.

Tutorial work—To be arranged after classes have been formed."

**RESOLVED—**

That the proceedings be confirmed.

Read the following proceedings of the Board of Higher Studies in Experimental Psychology dated, the 28th June, 1918.

"The following distribution of work among the members of the staff was approved :—

**THEORETICAL.**

**Paper I.—Psychological Psychology.**

(a) General Psychology (with elements of the Psychology of Peoples and Races).	} Dr N. Sen Gupta.

(b) Physiological Psychology }  
 with Physiology of the } Mr. P. Das Gupta.  
 Nervous System.

(c) Physiological Psychology ... Mr. M. Banerjee.

Paper II.—Mental Pathology,  
 (including study of Mental  
 Deficiency and Criminology).

(a) Mental Pathology with }  
 special reference to Physical } Mr. B. C. Ghosh.  
 Basis

(b) Mental Pathology with }  
 special reference to Psycho- } Mr. G. Bose.  
 analytical methods.

Paper III.—Animal Psychology  
 (including Mental Evolution).

(a) Animal Psychology ... Mr. K. Mitra.

(b) Heredity, and General }  
 Biological Basis (with } Mr. K. Mitra.  
 Mental Evolution in } Mr. G. Bose.  
 Animals).

Paper IV.—Child Psychology.

(a) Child Psychology ... Mr. P. Das Gupta.

(b) Educational Psychology ... Mr. H. Bhattacharyya.

#### RESOLVED—

That a Syllabus be drawn up for practical training and experimental work and that provision be made therein for special scientific training of the students including uses of apparatus, physical, and biological, with mental measurement and statistical and quantitative methods."

#### RESOLVED—

That the proceedings be confirmed.

Read the following proceedings of the Board of Higher Studies in Pure Mathematics, dated the 28th June, 1918 :—

"The following distribution of work among the members of the staff was approved :—

#### 5th YEAR CLASS.

Paper I. Algebra and Trigonometry.

Mr. S. Dhar.

Mr. M. Ghosh.



- Paper II.** Theory of Equations and Algebra of Quantities.  
Mr. I. B. Brahmachari.
- Paper III.** Plane Analytical Geometry and Higher Plane Curves.  
Mr. I. B. Brahmachari.  
Mr. S. M. Ganguli.
- Paper IV.** Geometry of Surfaces.  
Dr. H. D. Bagchi.
- Paper V.** Differential and Integral Calculus.  
Mr. M. Gupta.  
Mr. S. C. Ghosh.
- Paper VI.** Mr. N. K. Majumdar.  
Mr. H. P. Banerjee.
- A. Theory of Functions :**
- (i) Real Variable : Dr. S. D. Mukherji.  
Mr. M. Gupta.
- (ii) Complex Variable : Mr. H. P. Banerji.  
Mr. S. M. Ganguli.
- B. Theory of Groups :** Mr. N. K. Majumdar.  
Dr. S. D. Mukherji.
- C. Finite Differences and Calculus of Functions :**  
Mr. N. K. Majumdar.  
Mr. S. Dhar.
- D. Vector Analysis and Quaternions :**  
Dr. H. D. Bagchi.  
Mr. S. C. Ghosh.
- E. Projective Geometry :** Mr. I. B. Brahmachari.  
Euclidean. Mr. S. C. Bose.
- Non Euclidean: ... Dr. S. D. Mukherji.  
Mr. S. M. Ganguli.
- F. Theory of Numbers:** ... Mr. H. P. Banerji.  
Mr. M. R. Gupta.

#### 6TH YEAR CLASS.

- Paper I.** Mr. H. P. Banerji.  
Mr. S. Dhar.
- Paper II.** Mr. Brahmachari.
- Paper III.** Mr. S. M. Ganguly.
- Paper IV.** Dr. Bagchi.
- Paper V.** Mr. M. Gupta and Mr. S. Ghosh.
- Paper VI.** Mr. N. K. Majumdar and Mr. H. P. Banerji.

A. Theory of Functions	... Dr. Mukherji. Mr. H. P. Banerji
B. Theory of Groups	... Dr. Mukherji. Mr. N.K. Majumdar.
C. Finite Differences &c.	... Mr. N. K. Majumdar. Mr. S. Dhar.
D. Vector Analysis and Quaternions	Dr. Bagchi. Mr. S. C. Ghosh
E. Projective Geometry	... Mr. I. B. Brahmachari. Mr. S. C. Bose Mr. S. M. Ganguly.
F Theory of Numbers	... Mr. H. P. Banerji. Mr. M. Gupta."

## RESOLVED—

That the proceedings be confirmed.

Read the following proceedings of the Board of Higher Studies in Arabic and Peasian, dated, the 28th June, 1918:—

"The following distribution of work among the members of the staff in Persian and Arabic was approved:—

## Persian.

Shams-ul-Ulama Vilayet Hossain.

1. Pros: selections in Arabic prescribed for the B.A. Pass Course.

2. Kimiya-i-Sasdat.

Mr. S. Khalil Ahmed.

1. Mantiq-ut Tair of Attar.

2. The Diwan of Nasir-i Khusraw.

3. The Qasaid of Zahir Faryabi.

Shaikh Abu Nasr Gilani.

1. Hadiqa-i-Sanai.

2. Tazkira of Dawlat Shah.

3. Tazkira of Awfi

Aga Mahomed Kazim Shirazi.

1. Durra-i-Nadira.

2. Rhetoric and Prosody.

3. Philology.

The Hon'ble Dr. A. M. Suhrawardy.

1. Mahomedan History.

History of Persian Literature.

## Arabic.

Shams-ul-Ulama Vilayet Hossain	... 4 lectures a week on Mishkat-ul Masabih, Kashshaf, Futuhul Buldan, Faraid.
Maulvi Abu Musa Ahmadul Haqq	4 lectures a week on Kitabul-Aghani, Yatimud-Dahr.
The Hon'ble Dr. A. Suhrawardy	4 lectures a week on Muhammadan History and History of Arabic literature."

**RESOLVED—**

That the proceedings be confirmed.

The Secretary enquired from what date the gentlemen appointed University Lecturers for the session 1918-19 were to be paid.

**RESOLVED—**

That all the Lecturers be paid with effect from the 1st June, 1918.

(Confirmed).

ASUTOSH MOOKERJEE,

H C. MOOKERJEE,

*President.*

*Secretary.*

# Proceedings of the Council of Post-Graduate Teaching in Arts

FOR THE YEAR 1918-19.

## No. 1.

THE 10TH JULY, 1918.

### Present:

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc.,  
Ph.D., *President, in the Chair.*

Sir Gooroo Dass Banerjee, Kt., M.A., D.L., Ph.D.	Babu Niranjanprasad Chakrabarti, M.A.
Rai A.C. Bose, Bahadur, M.A.	„ Prabhatchandra Chakrabarti, M.A.
Babu Dhireschandra Acharyya, M.A.	„ Satischandra Chakrabarti, M.A.
Dr. Haridas Bagchi, M.A., Ph.D.	„ Kalidhan Chatterjee, M.A.
Babu Anantaprasad Banerjee, M.A.	„ Nirmalchandra Chatterjee, M.A.
Babu Hariprasanna Banerjee, M.Sc.	„ Satischandra Chatterjee, M.A.
„ Indubhushan Banerjee, M.A.	„ Sunitikumar Chatterjee, M.A.
„ Jaygopal Banerjee, M.A.	Babu Rohinimohan Chaudhuri, M.A.
„ Manmathanath Banerjee, M.Sc.	„ Nalinaksha Datta, M.A.
„ Muralidhar Banerjee, M.A.	J. N. Das Gupta Esq., B.A.
„ Narayanchandra Banerjee, M.A.	Babu Pramodranjan Dasgupta, M.Sc.
Dr. Pramathanath Banerjee, M.A., D.Sc.	„ Rabindramohan Datta, M.A.
„ Beninadhab Barua, M.A., D.Litt.	„ Susilkumar De, M.A.
Babu Radhagobinda Basak, M.A.	„ Sasindrachandra Dhar, M.Sc.
Prof. D. R. Bhandarkar, M.A.	Babu Surendramohan Ganguli, M.Sc.
Babu Haridas Bhattacharyya, M.A.	„ Praphullachandra Ghosh, M.A. B.Sc.
„ Krishnachandra Bhattacharyya, M.A.	Satischandra Ghosh, M.A.
„ Kokileswar Bhattacharyya, M.A.	Rajanikanta Guha, M.A.
„ Mohinimohan Bhattacharyya, M.A.	„ Manoranjan Gupta, M.A.
„ Pasupatinath Bhattacharyya, M.A.	Rai Bahadur B.A. Gupte, F.Z.S.
„ Harachandra Chakladar, M.A.	Rajaguru Bhagavanchandra Mahas- thabir.
	Babu Herambachandra Maitra, M.A.

Babu Susilkumar Maitra, M.A.	Babu Asutosh Sastri, M.A.
„ Bijaychandra Majumdar, B.A.	Mahamahopadhyay Lakshman Sastri.
„ Narendrakumar Majumdar, M.A.	Rai Rajendrachandra Sri, Bahadur,
„ Rameshchandra Majumdar, M.A.	M A.
„ Surendranath Majumdar, M.A.	Pandit Sitaram Sastri.
Maulvi Abu Musa Ahmadul Haq.	Dr. Brajendranath Seal, M.A., Ph.D.
Maulvi Aga Mahomed Kazim Shirazi.	Arun Sen, Esq., B.A.
Pandit Babuya Misra.	Babu Bipinbihari Sen, M.A.
Babu Ambikacharan Mitra, M A.	Dr. Narendranath Sengupta, M.A.,
Khagendranath Mitra Esq., B.A.	Ph.D.
Babu Sailendranath Mitra, M.A.	Babu Prabodhchandra Sengupta, M.A.
Dr. Harendrakumar Mookerjee, M.A.	Pandit Hargovind Das Sheth.
Ph.D.	Samana R. Siddhartha.
Babu Panchnandas Mookerjee, M.A.	Babu Jogischandra Sinha, M.A.
„ Radhakamal Mookerjee, M.A.	Shaikh Abu Nasr Gilani.
Dr. Syamadas Mookerjee, M.A.,	Syed Muhammad Khalil Ahmed, M.A.
Ph.D.	Prof. I. J. S. Taraporewala, B.A.,
Babu Jitendraprasad Niyogi, M.A.	Ph.D.
Samana Punnananda.	Y. J. Taraporewala, Esq., B.A.
Babu Hemchandra Raichaudhuri,	Mahamahopadhyay Pramathanath
M.A.	Tarkabhushan.
„ Satishchandra Ray, M.A.	Pandit Sivakumar Tarkadarsanathirtha,
„ Krishnabinod Saha, M.A.	Pandit Krishnacharan Tarkalankar.
Surendramohan Sanyal, Esq., M.A.,	Rev. W. S. Urquhart, M.A., D.Phil.
M.Sc.	Mahamahopadhyay Dr. Satischandra
Bejoykumar Sarkar, Esq., A.B.	Vidyabhushan, M.A., Ph.D.
Pandit Sakalnarayan Sarma.	K. Zachariah, Esq., B.A.
Vedantabisarad N. S. Anantakrishna	Principal, Scottish Churches College.
Sastri.	Principal, Bangabasi College.

On the motion of Rai A. C. Bose, Bahadur seconded by Principal G. C. Bose, Sir Asutosh Mookerjee was voted to the Chair.

Dr. Brajendranath Seal proposed and Mr. J. N. Das Gupta seconded that Sir Asutosh Mookerjee be elected President of the Council for the year 1918-19.

The motion was carried by acclamation.

The Council proceeded to deal with the question of the confirmation of the Proceedings of the Executive Committee, dated the 4th April, 1918 (herewith annexed).

The President draw attention to the more important recommendations contained in the Proceedings.

Dr. Brajendranath Seal moved and Mahamahopadhyay Satischandra Vidyabhushan seconded that the Proceedings be confirmed.

The motion was put to the vote and carried unanimously.

The Council next proceeded to deal with the question of confirmation of the Proceedings of the Executive Committee, dated the 29th June, 1918 (herewith annexed).

The President drew attention in detail to the various important recommendations contained in the proceedings and explained fully the scheme for the Scientific Study of Indian Vernaculars and for the development generally of Oriental Studies including Sanskrit, Pali, Tibetan, Chinese, and Japanese.

Dr. Brajendranath Seal thereupon moved and Sir Gooroo Dass Banerjee seconded that the Proceedings be confirmed.

Principal G. C. Bose supported the motion, and expressed his appreciation of the scheme for the promotion of the Study of the Indian Vernaculars outlined in the Memorandum drawn up by the President.

The motion was put to the vote and carried unanimously.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

H. C. MOOKERJEE,

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1918-19.

## No. 1.

THE 10TH JULY, 1918.

### Present :

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc.,  
Ph.D., *President, in the Chair.*

Rai A. C. Bose, Bahadur, M.A.

Mahamahopadhyay Dr. Satishchandra  
Vidyabhushan, M.A., Ph.D.

Dr. I. J. S. Taraporewala, B.A., Ph.D.

Professor Brajendranath Seal, M.A.,  
Ph.D.

Rev. Dr. W. S. Urquhart, M.A., D.Phil.

Professor D. R. Bhandarkar, M.A.

Babu Bipinbihari Sen, M.A.

Babu Satishchandra Ray, M.A.

Dr. Syamadas Mookerjee, M.A., Ph.D.

The Secretary reported that the Executive Committee of the Council of Post-Graduate Teaching in Arts, 1918-19 had been constituted as follows :

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A.,  
D.L., D.Sc., Ph.D., *President.*

The Hon'ble Sir Devaprasad Sarvadhikary, Kt., C.I.E.,  
M.A., LL.D.

Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.

Rai A. C. Bose, Bahadur, M.A.

Professor H. Stephen, M.A., D.D.

Mr. T. S. Sterling, M.A.

Mahamahopadhyay Dr. Satishchandra Vidyabhushan, M.A.,  
Ph.D.

Dr. I. J. S. Taraporewala, B.A., Ph.D.

The Hon'ble Dr. Abdullah-al-Mamun Suhrawardy, M.A.,  
Ph.D.

Mr. S. Khalil Ahmed, M.A.

Professor Brajendranath Seal, M.A., Ph.D.

Rev. Dr. W. S. Urquhart, M.A., D.Phil.

Professor D. R. Bhandarkar, M.A.

Babu Bipinbihari Sen, M.A.

Babu Satischandra Ray, M.A.

Mr. J. C. Coyajee, B.A., LL.B.

Dr. C. E. Cullis, M.A., Ph.D.

Dr. Syamadas Mukerjee, M.A., Ph.D.

1. The Secretary recommended that the appointments of the members of the office staff be confirmed.

**RESOLVED—**

That the appointments be confirmed.

Read the following Proceedings of the Board of Higher Studies in History, dated the 10th July, 1918 :—

**RESOLVED—**

“That the time-table annexed to these Proceedings be approved.

The President laid on the table the Manuscript of an English Translation of the work on Social Organisation in North East India in Buddha's time by Dr. R. Fick prepared by Babu Sisirkumar Maitra, M.A., Director, Indian Institute of Philosophy, Amaluer.

**RESOLVED—**

That the work be printed at the University Press and published in an edition of 750 copies at an estimated cost of Rs. 849, as it is indispensable to students taking up the new Course in Ancient Indian History and Culture.

The President mentioned that Babu Surendranath Sen, one of the Members of the Staff in History, had undertaken to prepare a series of volumes containing extracts and documents relating to Maharatta History and that the contents of the first volume would be as follows :—

Volume I—Shivaji.

(1) Translation of the Text of Sabhasad's Bakhar.

(2) Extracts from Chitnis Bakhar and Shivadigvijay illustrating the different views held by different writers on important historical questions.

(3) Notes on Maharatti Chronicles—Maharatti of Shivaji's time. Shivaji's claimed relation with the Valayapur family.

(4) Notes by Prof. J. N. Sarkar.



**RESOLVED—**

That as soon as the work has been put into a form ready for publication, an estimate of cost be obtained and the question brought up again.

**RESOLVED—**

That Babu Praphullachandra Bose, M.A., Professor, Holkar College, Indore, be appointed University Lecturer for a term of three years on Rs. 200 a month."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Pali dated the 10th July, 1918 :—

**"RESOLVED—**

That the time-table annexed to these Proceedings be adopted.

**RESOLVED—**

That Dr. Kimura be appointed University Lecturer in Mahayana Philosophy for 2 years from 1st November 1918 on a remuneration of Rs. 100 per month (in addition to the amount paid to him as Instructor in Japanese)."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Sanskrit dated the 10th July, 1918:—

**"RESOLVED—**

That the time-table annexed to these Proceedings be adopted."

**RESOLVED—**

That the Proceedings be confirmed.

The Secretary submitted a list of furniture required for his room and the Professors' Waiting Room.

**RESOLVED—**

That the furniture be obtained from firms selected by the Secretary subject to the approval of the President.

The Secretary submitted bills from Messrs. Chakrabarty Chatterjee & Co. for Rs. 30-8 for books for the lending Library.

**RESOLVED—**

That the bills be paid,

The Secretary stated that it was necessary to appoint two bearers (one for the Secretary and another for the Professors' Waiting Room).

**RESOLVED—**

That the Secretary do appoint 2 Bearers on Rs. 12 per month.

On the motion of the President, it was resolved that Prof. R. S. Knox who had recently been taken prisoner, be granted leave for one year on half his salary.

The Secretary reported that pursuant to the resolution of the Executive Committee the President had appointed Babu Khatishchandra Acharyya to be an Assistant in the Office on a salary of Rs. 50 a month and that his services had been placed at the disposal of Mahamahopadhyay Dr. Satischandra Vidyabhushan.

**RESOLVED—**

That the action taken be approved.

**RESOLVED—**

(1) That the price of Capt. Petavel's lectures be fixed at Re. 1 per copy

(2) That an honorarium of Rs. 300 be offered to Capt. Petavel.

(3) That the distribution list be settled by the Secretary in consultation with Capt. Petavel subject to the approval of the President.

Read an application from Babu Ratinath De, who passed the B.A. Examination from the Allahabad University this year, praying that he may be permitted to join the Post-Graduate Classes in Philosophy of this University.

**RESOLVED—**

That the application be granted.

Read an endorsement from Mahamahopadhyay Dr. Satischandra Vidyabhushan, forwarding, with his recommendation, an application from Manadaprasanna Sen, a student of the Sixth-year Pali Class, stating that owing to straitened circumstances he has not been able to pay his college fees from March, 1918 and praying that his fees may be remitted up to the end of the current session.

**RESOLVED—**

That the application be granted.

Read an application from Surendrakumar Mitra, a student of the Sixth-year English Class, stating that owing to straitened circumstances, he has not been able to pay his college fees from March, 1918 and praying that his fees may be remitted up to the end of the current session.

**RESOLVED—**

That the application be granted.

Read an endorsement from the University Librarian, forwarding an application from Babu Rashbihari Chakrabarti, an Assistant in the Office of the Secretary attached to the Library, praying that on account of ill health he may be granted leave of absence for a fortnight with effect from the 5th July, 1918 and enclosing a medical certificate in support of his statement.

**RESOLVED—**

That the leave be granted on full pay.

Read a memo from the Secretary to the Government of Bengal, Finance Department, Miscellaneous Branch, stating that the Governor in Council is pleased to direct that the following days shall be observed as local holidays in all Government offices :—

Name of local holidays.	Number of days.	Time.
Rath Jatra ...	1	June or July.
Punar Jatra ...	1	Ditto.
Baruni ...	1	March or April.
Sivaratri ...	1	February or March.
Kartik Puja ...	1	November.

**RESOLVED—**

That the days mentioned be observed as holidays, but that the Secretary be at liberty to require presence of selected members of the staff for urgent work.

The Secretary submitted a bill for Rs. 349-8 from Messrs. Choudhury, Burdhan & Co., Cabinet Makers, for supplying one large book case for the Library of the Post-Graduate Department.

**RESOLVED—**

- That the bill be paid.

The Secretary stated that it was necessary to purchase a Roneo Machine and a safe for the Office of the Secretary.

**RESOLVED—**

That the Secretary be authorised to purchase the articles mentioned.

(Confirmed).

ASUTOSH MOOKERJEE,

*President.*

H. C. MOOKERJEE,

*Secretary.*

# Proceedings of the Council of Post-Graduate Teaching in Arts

FOR THE YEAR 1918-19.

## No. 2.

THE 23RD JULY, 1918.

### PRESENT :

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President, in the Chair.*

Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.	Babu Niranjanprasad Chakrabarti, M.A.
Rai A. C. Bose, Bahadur M.A.	„ Prabhatchandra Chakrabarti, M.A.
Babu Dhireschandra Acharyya, M.A.	„ Satischandra Chakrabarti, M.A.
Dr. Haridas Bagchi, M.A., Ph.D.	„ Kalidhan Chatterjee, M.A.
Babu Anantaprasad Banerjee, M.A.	„ Nalinimohan Chatterjee, M.A.
„ Gauranganath Banerjee, M.A.	„ Nirmalchandra Chatterjee, M.A.
„ Hariprasanna Banerjee, M.Sc.	„ Satischandra Chatterjee, M.A.
„ Indubhushan Banerjee, M.A.	„ Sunitikumar Chatterjee, M.A.
„ Jaygopal Banerjee, M.A.	„ Rohinimohan Chaudhuri, M.A.
„ Manmathanath Banerjee, M.Sc.	J. C. Coyajee, Esq., B.A., LL.B.
„ Muralidhar Banerjee, M.A.	Dr. C. E. Cullis, M.A., Ph.D.
„ Narayanchandra Banerjee, M.A.	Babu Nalinaksha Dutt, M.A.
„ Pramathanath Banerjee, M.A.	„ Promodranjan Das Gupta, M.Sc.
Dr. Benimadhab Barua, M.A., D.Litt.	„ Rabindramohan Datta, M.A.
Babu Radhagobinda Basak, M.A.	„ Sasindrachandra Dhar, M.Sc.
„ Satischaadra Basu, M.A.	„ Phanindralal Ganguli, M.A.
Prof. D. R. Bhandarkar, M.A.	„ Surendramohan Ganguli, M.Sc.
Babu Haridas Bhattacharyya, M.A.	„ Praphullachandra Ghosh, M.A., B.Sc.
„ Kokileswar Bhattacharyya, M.A.	„ Satischandra Ghosh, M.A.
„ Mohinimohan Bhattacharyya, M.A.	„ Rajanikanta Guha, M.A.
„ Pasunpatinath Bhattacharyya, M.A.	„ Manoranjan Gupta, M.A.
„ Indubhushan Brahmachari, M.A.	Dr. Hiralal Haldar, M.A., Ph.D.
„ Haranchandra Chakladar, M.A.	Babu Susilkumar Maitra, M.A.

Babu Bijaychandra Majumdar, B.A.	Pandit Sitaram Sastri.
„ Narendrakumar Majumdar, M.A.	Dr. Brajendranath Seal, M.A., Ph.D.
„ Rameshchandra Majumdar, M.A.	Arun Sen, Esq., B.A.
„ Surendranath Majumdar, M.A.	Babu Bipinbihari Sen, M.A.
Maulvi Abu Musa Ahmadul Haq	„ Saileswar Sen, M.A.
Maulvi Aga Mahomed Kazim Shirazi.	„ Surendranath Sen, M.A.
Pandit Babuya Misra.	A. C. Sen Gupta, Esq., M.A.
Babu Ambikacharan Mitra, M.A.	Dr. Narendranath Sen Gupta, M.A.,
Khagendranath Mitra, Esq., B.A.	Ph.D.
Babu Sailendranath Mitra, M.A.	Babu Probodhchandra Sengupta, M.A.
„ Bijaygopal Mookerjee, M.A.	Pandit Hargobind Das Sheth.
Dr. Harendrakumar Mookerjee, M.A.,	Samana R. Siddhartha.
Ph.D.	Babu Jogishchandra Sinha, M.A.
Babu Panchanandas Mookerjee, M.A.	Shaikh Abu Nasr Gilani.
„ Radhakamal Mookerjee, M.A.	The Hon'ble Dr. A. Suhrawardy, M.A.,
Dr. Syamadas Mookerjee, M.A., Ph.D.	Ph.D.
Babu Jitendraprasad Niyogi, M.A.	Prof. I. J. S. Taraporewala, B.A.,
Samana Punnananda.	Ph.D.
Babu Hemchandra Raichaudhuri, M.A.	Y. J. Taraporewala, Esq., B.A.
„ Krishnabinod Saha, M.A.	Mahamahopadhyay, Pramathanath
Surendramohan Sanyal, Esq., M.A.,	Tarkabhushan.
M.Sc.	Pandit Sivakumar Tarkadarsantirtha.*
Bejoykumar Sarkar, Esq., A.B.	„ Krishnacharan Tarkalanagar.
Pandit Sakalnarayan Sarma.	Rev W. S. Urquhart, M.A., D.Phil.
Vedantabhisarad N. S. Anantakrishna	Pandit Rajendranath Vidyabhushan.
Sastri.	Mahamahopadhyay Dr. Satischandra
Mahamahopadhyay Laksman Sastri.	Vidyabhushan, M.A., Ph.D.
Rai Rajendrachandra Sastri, Bahadur,	K. Zachariah, Esq., B.A.
M.A.	

The Council met to select under Sec. 9 (b) of Chapter XI of the Regulations three persons from amongst the Members of the Council for appointment to the Board of Higher Studies in each of the following subjects :—

1. English.
2. Sanskrit.
3. Pali.
4. Arabic and Persian.
5. Hebrew and Syriac.
6. Comparative Philology.
7. Mental and Moral Philosophy.
8. Experimental Psychology.
9. History.
10. Political Economy and Political Philosophy.
11. Pure Mathematics.

The undermentioned gentlemen had been duly nominated for election to the different Boards under Section 42 of Chapter XI of Regulations :—

(Arranged in alphabetical order.)

(i) *English*—

1. Sir Gooroo Dass Banerjee, Kt., M.A., D.L., Ph.D.
2. Mr. J. R. Banerjee, M.A., B.L.
3. Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.
4. The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.
5. Dr. Brajendranath Seal, M.A., Ph.D.

(ii) *Sanskrit*—

1. Babu Bijaychandra Majumdar, B.A.
2. The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.
3. Babu Saradaranjan Ray, M.A.
4. Dr. Prabhu Dutt Shastri, M.A., B.Sc., Ph.D.

(iii) *Pati*—

1. Babu Niranjanprasad Chakrabarti, M.A.
2. Babu Bijaychandra Majumdar, B.A.
3. The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.
4. Prof. I. J. S. Taraporewala, B.A., Ph.D.

(iv) *Arabic and Persian*—

1. The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.
2. Mr. S. Khuda Buksh, M.A., B.C.L.

(v) *Hebrew and Syriac*—

1. Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.
2. The Right Rev. G.A. Lefroy, D.D.
3. Dr. H. Stephen, M.A., D.D.

(vi) *Comparative Philology*—

1. Babu Praphullachandra Ghosh, M.A.
2. Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.
3. Babu Surendranath Majumdar, M.A.
4. The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.
5. Dr. Brajendranath Seal, M.A., Ph.D.
6. Babu Ramendrasundar Trivedi, M.A.
7. Mahamahopadhyay Dr. Satishchandra Vidyabhushan, M.A., Ph.D.

*(vii) Mental and Moral Philosophy—*

1. Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.
2. The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.
3. Rai Rajendrachandra Sastri, Bahadur, M.A.
4. Dr. H. Stephen, M.A., D.D.
5. Mahamahopadhyay Dr. Satischandra Vidyabhushan, M.A., Ph.D.

*(viii) Experimental Psychology—*

1. Mr. J. R. Banerjee, M.A., B.L.
2. Dr. Hiralal Haldar, M.A., Ph.D.
3. Dr. Ramdas Khan, M.A., Ph.D.
4. The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.
5. Dr. Prabhu Dutt Shastri, M.A., B.Sc., Ph.D.
6. Dr. H. Stephen, M.A., D.D.

*(ix) History—*

1. Dr. Pramathnath Banerjee, M.A., D.Sc.
2. Mr. C. J. Hamilton, M.A.
3. The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.
4. Mahamahopadhyay Dr. Satischandra Vidyabhushan, M.A., Ph.D.
5. Dr. Brajendranath Seal, M.A., Ph.D.

*(c) Political Economy and Political Philosophy—*

1. The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.
2. Dr. Syamadas Mookerjee, M.A., Ph.D.
3. Dr. Brajendranath Seal, M.A., Ph.D.
4. Mr. K. Zachariah, B.A.

*(d) Pure Mathematics—*

1. Sir Gooroo Dass Banerjee, Kt., M.A., D.L., Ph.D.
2. Rai A. C. Bose, Bahadur, M.A.
3. The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.

The name of Prof. I. J. S. Taraporewala, was at his request, withdrawn from the list of candidates in Pali.

The Council, then proceeded to take a ballot in the several subjects. But, there was no ballot taken in Pali, in Arabic and Persian, in Hebrew and Syriac and in Pure Mathematics, as in each instance the number of gentlemen available for election did not exceed the number of places to be filled up.



After all the ballot papers had been examined, the President declared that the undermentioned gentlemen had been elected members of the Board of Higher Studies in the several subjects named below :—

*English.*

The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.

Dr. Brajendranath Seal, M.A., Ph.D.

Rev. Dr. G. Howells, M.A., Ph.D., B. Litt., B.D.

*Sanskrit.*

The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.

Babu Bejayachandra Majumdar, B.A.

Babu Saradaranjan Ray, M.A.

*Pali.*

The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.

Babu Niranjanprasad Chakrabarti, M.A.

Babu Bejayachandra Majumdar, B.A.

*Arabic and Persian.*

The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.

Mr. S. Khuda Buksh, M.A., B.C.L.

*Hebrew and Syriac.*

Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.

The Right Rev. G.A. Lefroy, D.D.

Dr. H. Stephen, M.A., D.D.

*Comparative Philology.*

The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.

Mahamahopadhyay Dr. Satischandra Vidyabhushan, M.A.,  
Ph.D.

Babu Surendranath Majumdar, M.A.

*Mental and Moral Philosophy.*

The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.

Dr. H. Stephen, M.A., D.D.

Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.

*Experimental Psychology.*

The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.

Dr. H. Stephen, M.A., D.D.

Dr. Hiralal Haldar, M.A., Ph.D.

*History.*

The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.

Dr. Pramathanath Banerjee, M.A., D.Sc.

Mahamahopadhyay Dr. Satischandra Vidyabhushan, M.A.,  
Ph.D.

*Political Economy and Political Philosophy.*

The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.

Dr. Brajendranath Seal, M.A., Ph.D.

Mr. K. Zachariah, B.A.

*Pure Mathematics.*

The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.

Sir Gooroo Dass Banerjee, Kt. M.A., D.L., Ph.D.

Rai A. C. Bose, Bahadur, M.A.

(Confirmed).

ASUTOSH MOOKERJEE,

*President.*

H. C. MOOKERJEE,

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1918-19.

**No. 2.**

THE 23RD JULY, 1918.

## **Present :**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,—  
*President, in the Chair,*

Rev. Dr. G. Howells, M.A., Ph.D., Professor Brajendranath Seal, M.A.,  
B.Litt., B.D. Ph.D.

Rai A. C. Bose, Bahadur, M.A. Rev Dr. W. S. Urquhart, M.A., D.Phil.  
Mahamahopadhyay Dr. Satischandra Professor D. R. Bhandarkar, M.A.,  
Vidyabhushan, M.A., Ph.D. Mr. Bipinbihari Sen, M.A.

Prof. I. J. S. Taraporewala, B.A., Ph.D. Mr. J. C. Coyajee, B.A., LL.B.

The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D. Dr. C. E. Cullis, M.A., Ph.D.  
Ph.D. Dr. Syamadas Mukerjee, M.A., Ph.D.

Read the following proceedings of the Board of Higher Studies in English, dated the 20th July, 1918 :—

### **“RESOLVED—**

That the time table for the session 1918-19 annexed to these Proceedings be approved.

Read an endorsement from Professor T. S. Sterling, M.A., forwarding an application from Babu Ramaprasad Mukhopadhyay, requesting permission to offer a thesis in lieu of examination in two papers.

### **RESOLVED—**

That the candidate be permitted to offer a thesis in lieu of Papers VI and VIII (English, Group A).”

### **RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Pure Mathematics, dated the 20th July, 1918 :—

### **“RESOLVED—**

That the time table for the session 1918-19 annexed to these Proceedings be approved.

Read a letter from Dr. Cullis stating that he would deliver a special course of twelve lectures on Higher Algebra, according to the following Syllabus, from the middle of November next :—

'The numbers and operations of Algebra.

Domains of rationality.

Rational integral functions of any number variables.

The homogenisation and regularisation of rational integral functions by linear transformations.

The irresoluble and irreducible factors of rational integral functions.

Highest Common Factors.

The roots of rational integral functions.

The fundamental properties of resultants.

The fundamental properties of eliminants.

Symmetric functions of the elements of similar sequences.

Symmetric functions of the common roots of a set of rational integral functions.

Determination of resultants and eliminants.

Relations between a given set of rational int functions.

The best books to read in connection with this course are 'Bocher's Introduction to Higher Algebra' and 'Netto's Vorlesungen uber Algebra'. The former book is a useful preliminary, but deals for the most part only with functions of one and two variables ; the latter is more complete. A good deal of information on the later subjects will be found in 'Salmon's Lectures on Higher Algebra' and in the papers of Cayley and Sylvesters but a different treatment will be adopted. An attempt will be made to give the chief results with the avoidance of lengthy proofs.'

RESOLVED—

That the Syllabus be printed and a copy furnished to each student of the 5th and 6th-year Mathematics classes".

RESOLVED—

That the Proceedings be confirmed.

Read the following proceedings of the Board of Higher Studies in Mental and Moral Philosophy, dated the 20th July, 1918 :—

"RESOLVED—

That the time-table for the session 1918-19 annexed to these Proceedings be approved."

RESOLVED—

. That the Proceedings be confirmed.

Read the followings Proceedings of the Board of Higher Studies in Political Economy and Political Philosophy, dated the 20th July, 1918 :—

**“RESOLVED—**

That the time table for the session 1918-19 annexed to these Proceedings be approved.

Read a letter from Mr. S. C. Ray proposing that Mr. R. C. Rao be requested to draw up a report on Indian Banking dealing with the history and present organisation of the system of indigenous banking as also the system associated with the Exchange Banks.

**RESOLVED—**

That the proposal be accepted.”

**RESOLVED—**

That the Proceedings be confirmed.

The Secretary reported that it was necessary to purchase a type-writing machine and a Roneo Duplicator for the office.

**RESOLVED—**

That the purchase be made and that provision be made in the Budget for this purpose.

Read an application from Babu Atulyaratan Datta, an Assistant in the office of the Secretary, stating that on account of his aunt's illness and her subsequent death, he could not attend for eighteen days with effect from the 1st July, 1918 and praying that leave on full pay for the period may be granted to him.

**RESOLVED—**

That the application be granted as a special case.

Read an endorsement from the University Librarian, forwarding an application from Babu Rashbihari Chakrabarti, an Assistant in the office of the Secretary attached to the Library, who on account of certified ill-health was granted leave on full pay for a fortnight with effect from the 5th July, 1918, praying for an extension of leave for one month with effect from the 21st July, 1918.

**RESOLVED—**

That the application be granted.

The Secretary placed before the Committee a travelling allowance bill for Rs. 28-5-3 from Babu Krishnabinod Saha, M.A., for his journey from Cooch-Behar to join his appointment as University Lecturer in Economics.

**RESOLVED—**

That the bill be paid.

The following arrangements were sanctioned for the supervision of the Post-Graduate Students Messes during the session 1918-19 :—

*Superintendents* (Rs. 30 a month each).

Babu Kailaschandra Chakrabarti, M.Sc.

„ Sasindrachandra Dhar, M.Sc.

„ Sachchidananda Bhattacharyya, M.A.

*Assistant Superintendents* (Rs. 20 a month each).

Babu Nagendranath Mookerjee, M.Sc.

„ Radhakrishna Das, M.Sc.

„ Jogendradas Chaudhuri, M.A.

(Confirmed).

ASUTOSH MOOKERJEE,

H. C. MOOKERJEE,

*President.*

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts

FOR THE YEAR 1918-19.

**No 3.**

THE 2ND AUGUST, 1918.

**Present :**

The Hon'ble Sir Asutosh Mookerjee, Kt. C.S.I., M.A., D.Sc.,  
Ph.D.,—*President, in the Chair.*

Rev. Dr. G. Howells, M.A., Ph.D., The Hon'ble Dr. A. Suhrawardy, M.A.,  
B.Litt., B.D. } Ph.D.

Rai A. C. Bose, Bahadur, M.A. Professor Brajendranath Seal, M.A.,  
Ph.D.

Mahamahopadhyay Dr. Satischandra Vidyabhushan, M.A., Ph.D. Professor D. R. Bhandarkar, M.A.

Mr. Satischandra Ray, M.A.  
Dr. I. J. S. Taraporewala, B.A., Ph.D. Dr. Syamadas Mukerjee, M.A., Ph.D.

Read the following Proceedings of the Board of Higher  
Studies in Sanskrit, dated the 29th July, 1918 :—

**"RESOLVED—**

That the Hon'ble Sir Asutosh Mookerjee be elected  
Chairman of the Board for the year 1918-19."

**RESOLVED—**

That the Proceedings be confirmed .

Read the following Proceedings of the Board of Higher  
Studies in Pali, dated the 29th July, 1918 :—

**"RESOLVED—**

That the Hon'ble Sir Asutosh Mookerjee be elected  
Chairman of the Board for the year 1918-19."

**RESOLVED—**

That the Proceedings be confirmed,

Read the following Proceedings of the Board of Higher Studies in Arabic and Persian, dated the 29th July, 1918 :—

**“RESOLVED—**

That the Hon'ble Sir Asutosh Mookerjee be elected Chairman of the Board for the year 1918-19.”

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Hebrew and Syriac, dated the 29th July, 1918 :—

**“RESOLVED—**

That Dr. G. Howells be elected Chairman of the Board for the year 1918-19.”

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Pure Mathematics, dated the 29th July, 1918 :—

**“RESOLVED—**

That the Hon'ble Sir Asutosh Mookerjee be elected Chairman of the Board for the year 1918-19.”

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Comparative Philology, dated the 2nd August, 1918 :—

“ On the motion of Dr. Satishchandra Vidyabhushan, seconded by Mr. B. C. Majumdar, the Hon'ble Sir Asutosh Mookerjee was unanimously elected Chairman of the Board for the year 1918-19.”

**RESOLVED—**

That the time-table annexed to these Proceedings be approved.

**RESOLVED—**

That it be notified that the examination in 1919 will be held according to the new Syllabus recently sanctioned by the Government of India.



**RESOLVED—**

That the following scheme be adopted for the examination in Teutonic Philology :—

**COMPARATIVE PHILOLOGY (Teutonic Branch).**

Eight Papers shall be set as follows :—

**PAPER I.**

General Principles of Philology and the Science of Language. Psychology of Speech. The History of the Science of Grammar and of Language in the Western Lands. The various linguistic areas of the world. The Indo-European family of Languages and its distinguishing features. The I. E. Languages compared and contrasted with the Isolating, the Agglutinative and the Semetic type of Languages. The various sub-families of the I. E. with their important sub-divisions and their distinguishing characteristics. The Teutonic branch and its important sub-divisions. The distinguishing features of the Teutonic branch. The chief linguistic differences between the various sub-divisions of Teutonic. The Teutonic branch compared and contrasted with the other I. E. Languages. Semantics.

**PAPER II.**

Principles of Phonetics. The structure of vocal organs. The production and classification of sounds. The representation of sounds by phonetic alphabets. The chief systems of phonetic alphabets. The causes of sound change. "Dialectic Growth". "Phonetic Decay". The sounds of the I. E. Ursprache. The Comparative Phonology of the old Teutonic Languages (Gothic, old High German etc.) with special reference to Old English. Accent, and the sound changes resulting from shifting accent. Ablaut. The Development of writing and of alphabets. Elements of Palaeography and history of writing among the Teutonic peoples.

**PAPER III.**

The Principles of Morphology and word-building. Development and differentiation of the Parts of Speech. The significance of Ablaut in the linguistic development. The Morphology of Old English as compared to Gothic and Old High German and other I. E. Languages; Nouns,—Gender, Number, Case; Pronouns; Adjectives, Degrees of Comparison; Numerals, Verbs,—Systems of Tenses and Moods; Indeclinables; the formative affixes in Teutonic Languages.

## PAPER IV.

Growth of Dialects. The condition of Dialectic Growth and Differentiation. History of the development of Teutonic Languages from the "Old" to the "Middle" stage with the special reference to English. Middle English Phonetics and Morphology. Select Middle English Texts.

## PAPER V.

History of the development of New English and of the Modern Teutonic languages. Detailed study of New English Phonology and Morphology both standard and dialectical. The history of the spreading of English as a world language and the changes it has undergone in various parts of the world.

## PAPER VI.

Historical Syntax of English compared with that of German and other Teutonic languages.

## PAPER VII.

Urgeschichte and I.E. Antiquities, Comparative Mythology with special reference to Old Teutonic Hero legends. Old Teutonic life and literature. (40 marks.)

## GROUP A.

German Grammar and Texts. The influence of Germanic languages and culture on English. (60 marks).

## Or.

## GROUP B.

French Grammar and Texts. The influence of Romance languages and culture on English. (60 marks)

## PAPER VIII.

## Essay.

Candidates will be given a choice from at least *four* subjects. A candidate who has taken his B.A. Degree with Honours in a Language or has taken his M.A. Degree in a Language, may, subject to the conditions specified below, offer a thesis on any subject included within the scope of Papers IV and V, in lieu of an examination in those two Papers.

The conditions to be fulfilled by a candidate who is allowed to offer a thesis are as follows :—

(a) He must have completed one year's study of the M.A. course in Comparative Philology under University Teachers.

(b) He must, at the end of the year, submit to the Board of Higher Studies in Comparative Philology an application for permission to offer a thesis in lieu of part of the Examination.

(c) The application shall indicate the subject and scope of the thesis he wishes to offer and must be recommended by the Professor or Professors under whom he has been working.

(d) If the application be granted by the Board of Higher Studies in Comparative Philology, the thesis must be prepared under the general direction of the Professor or Professors with whom the candidate is prosecuting his studies.

(e) The candidate shall deliver three copies of the thesis (printed or typewritten) to the Secretary to the Council of Post-Graduate Teaching in Arts, at least one month before the first day of the M.A. Examination at which he intends to present himself.

(f) The thesis shall be examined by a Board of three Examiners and the maximum number of marks assigned to the thesis shall be 200. The Examiners may, in their discretion, subject the candidate to a *viva voce* examination on the subject of the thesis.

(g) The name of a candidate whose thesis has been approved shall be marked with an asterisk in the list of successful candidates published in the Gazette and also in the University Calendar."

RESOLVED FURTHER—

That a list of books suitable for the above course be recommended later."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Experimental Psychology, dated the 2nd August, 1918 :—

"On the motion of Dr. Brajendranath Seal seconded by Dr. N. N. Sengupta, the Hon'ble Sir Asutosh Mookerjee was unanimously elected Chairman of the Board for the year 1918-19.

Read the following scheme prepared by Dr. Brajendranath Seal :—

## THEORETICAL COURSE.

### *First Paper—Physiological Psychology.*

- (a) General Psychology.
- (b) (1) Elementary Physiology.
  - (2) Nervous System.
  - (3) Physiological Psychology with special reference to Neurology.
- (c) (1) Physiological Psychology with special reference to chemical reactions, glandular secretions, hormones etc.
  - (2) Special Senses.
  - (3) Mental Measurement.

### *Second Paper—Mental Pathology.*

- (a) (1) Physiological Aspect or Basis of Mental Pathology.
  - (2) Defectives and the Mentally Deficient.
- (b) (1) Abnormal Psychology, Neurosis, Psychoneurosis, Psychosis, Dreams, Myths, Hypnotism, Multiple Personality, Criminology, Mental Peculiarities, Sexuology.
  - (2) Folk Psychology and Psychology of Religion, Crowd Psychology, Race Psychology, Social Psychology.

### *Third Paper—Animal Psychology.*

- (a) (1) Elementary Zoology.
  - (2) Comparative and Genetic Psychology, Comparative Neurology.
  - (3) Animal Behaviour.
- (b) Heredity and Evolution.

*Fourth Paper—Child Psychology.*

- (a) Mental Development and its Physiological Basis.
- (b) Educational Psychology.

## PRACTICAL COURSE.

- A. Special Scientific Training—Laboratory Lectures and Practical Work.

Physical, Chemical and Biological pre-requisites of Experimental Psychology.

Methodological pre-requisites of Experimental Psychology :—Mental Measurement including Statistical Methods, Probability, Graphic Representation, etc.—Psycho-physical Methods.

- B. Exp. Psychology—Qualitative.
- C. Exp. Psychology—Quantitative,—Psychophysical Measurements.
- D. Mental Tests and Physical Tests.

## SYLLABUS OF PRACTICAL WORK.

*General Directions—*

Laboratory, Work-table, Care of Instruments, Partnership, Records, Note-Book, etc.

## PHYSICS.

*General Properties of Matter—*

Liquids find their Level, Equal Pressure.

Length—Simple Measurement, Decimal Fraction, Metric Unit, Angle, Sine, Co-sine, Tangent, Volume, Scale, Tape, Vernier, Divider, etc.

Time—Pendulum, Sundial, Sandglass, Watch, Stopwatch, Chronoscope.

**Motion—Velocity, acceleration, inertia, momentum.**

**Parallelogram of Forces.**

**Mass and Weight—Balance, Unit of Weight.**

**Specific Gravity.**

**Centre of Gravity—Equilibrium.**

**Lever—Pulley, Inclined Plane, Screw, Wheel and Axle.**

**Atmospheric Pressure—Barometer, Boyle's Law, Air-Pump.**

*Sound—*

**A Form of Vibration.**

**Propagation—Velocity.**

**Pitch, Timbre, Intensity—Sonometer.**

**Resonance—Closed Tube, Open Tube.**

**Echo—Interference, Beats.**

**Musical Instruments—Metronome, Tuning Forks.**

*Heat—*

**Expansion of Solids, Liquids and Gases.**

**Freezing and Boiling Points—C. F. & R. Scales, Liquefaction, Vaporisation, Boiling—Bunsen Burner, Wire Gauze, Thermometer.**

**Heat and Temperature—Unit Quantity of Heat, Specific Heat, Latent Heat.**

**Conduction, Convection, Radiation, Dew, Mist, Fog, Cloud, Rain, Snow, Hail.**

*Light—*

**Rectilinear Propagation**

**Inverted Pinhole Image—Size of Image**

**Intensity of Light—Photometry**

**Umbra, Penumbra.**

**Laws of Reflection.**

**Image by Plane Mirror**

Concave Mirror—Focus  
 Refraction—Laws  
 Prisms, Lenses, Microscopes  
 Dispersion, Recomposition, Spectrum, Spectroscope,  
 Colour

*Magnetism—*

Magnets, Properties  
 Laws of Magnetism  
 Lines of Force  
 Magnetic Dip  
 Compass  
 Induction  
 Methods of Magnetisation  
 Solenoids.

*Electricity—*

Electrification—Attraction, Repulsion—Two kinds  
 of Electricity  
 Electric Charges—Electroscope  
 Conductors and Insulators  
 Induction  
 Electric Current—Cell, Magnetic Action, Electro—  
 Magnets, Galvanometer, Ampere's Rule, Resis-  
 tance, Potential.  
 Electrolysis—Terminology  
 Primary Batteries, Secondary Batteries, Motors,  
 Dynamos, Wires, Connections, Leads, Electric  
 Units, Electrodes, Keys, Commutators, Rheo-  
 chords, Induction Coils.

## CHEMISTRY.

*Molecules and Atoms—Physical and Chemical Changes.*  
*Elements and Compounds.—Chemical Affinity.*

*Atomic Theory.*—Atomic Weights, Laws of Chemical Action.

*Chemical Nomenclature.*—Quantitative Chemical Notation.

*Valency*

*The Periodic System.*

*General Properties of Gases.*—Charles' Law, Absolute Temperature, Boyle's Law, Liquefaction of Gases, Critical Point, Critical Pressure, Diffusion of Gases, Effusion, Transpiration, Kinetic Theory, Dissociation, Reversible Action.

*Electrolysis*—Ionic Theory.

*General Properties of Liquids.*—Evaporation, Boiling, Latent Heat, Vapour Pressure, Solidification, Freezing, Solution, Henry's Law, Partial Pressure, Osmotic Pressure, Crystallisation.

*Thermo-Chemistry.*—Calorie, Exothermic and Endothermic Compounds, Conservation of Energy.

*Typical Elements.*—Hydrogen, Oxygen, Nitrogen, Carbon.

*Acids, Bases, Salts*—

*Representative Elements.*—Chlorine, Sulphur, Phosphorus, Sodium, Copper, Calcium, Mercury, Aluminium, Lead, Iron, Platinum, Radium.

## PHYSIOLOGY.

*Nerve—Muscle Preparation.*—Dissection—Normal Saline, Stimuli—Mechanical, Chemical, Thermal and Electrical. Direct and Indirect Stimulation. Muscle Sound. Curare.



*Graphic Method.*—Moist Chamber, Simple Contraction, Twitch, Myographs, Covering and Smoking Drums, General Rules, Muscle Lever.

*Simple Twitch.*—Minimal and Maximal Stimulation, Threshold Value, Latent Period, Chronographs, Chronograms.

*Simple Muscle Curve.*—Isotonic and Isometric Contractions.

*Two Successive Shocks.*—Clonus, Tetanus.

*Fatigue.*—Ergograph, Seat of Exhaustion, Dynamometer, Myographic Experiments on Man.

*Electromotive Phenomena in Nerve and Muscle.*

*Velocity of a Nerve Impulse.*—Motor Nerve, frog, man.

*Smooth Muscle, Ciliary Motion, Chemo, Galvano and Thermotaxis.*

*Heart.*—Cardiographs—Factors influencing Heart Beats, Heart Sound.

*Pulse.*—Sphygmograph, Sphygmomanometer.

*Respiration.*—Pneumograph, Polygraph, Vital Capacity.

*Laryngoscope, Plathysmograph, Automatograph.*

*Reflex Action.*—Strychnine, Knee Jerk.

*Reaction Time.*—Physiological Standpoint.

*Vision.*—Formation of Image, Diffusion, Aberration, Accommodation, Scheiner's Experiment, Near and Far Points, Purkinje's Images, Phakoscope, Astigmatism, Pupil, Blind Spot, Fovea, Clerk Maxwell's Expt., Phosphene, Retinal Shadows, Adaptation, Purkinje Plane, After Images, Perimetry, Irradiation, Illusions, Listing's Law, Donder's Law, Ophthalmoscope.

*Audition.*—Aural Specula, Mirror, Auscultation, Tube, Acoumeter, Galton's Whistle, Tuning Forks, Bone Conduction, Weber's Test, Rinne's Test.

*Histological Work*—Cells, Ovum, Spermatozoa, Ciliated Cells, Nerve, Spinal Cord, Cerebrum, Cerebellum, Ganglion, Muscles, Blood.

**MENTAL MEASUREMENT**—Preliminary work.

*Graphic Representation*

Co-ordinates—Abcissa, Ordinate

Loci—meaning of Loci

Equation of a Curve.

Symbolic Representation of a Locus.

Graphic Diagrams—

*Statistical Methods*

- (1) Mean (2) Mode (3) Median (4) Mean Variation  
(5) Standard Variation (6) Correlation (7) Probable  
Error (8) Frequency Curves (9) Probability.

*Logarithmic Tables.*

**PSYCHOLOGY (Qualitative).**

*Introspection.*

*Cutaneous Sensation*—Quality, Intensity, Duration, Extent,  
Latent Period, After Image, Protopathic, Epicritic and  
Deep Sensibility, Muscle Sense, Tendon Sense, Articular  
Sense.

*Labyrinthine*

*Organic*

*Visual*

*Auditory*

*Gustatory*

*Olfactory*

} Qualities, Attributes, etc.

*Images.*

*Affective Qualities.*

*Attitudes.*

*Vision*—Visual Sensation, Color Mixture, Campimetry, Perimetry, Visual Contrast, After Image, Retinal Rivalry.

*Audition*—Auditory Sensation, Interference, Beats, Pitch, Difference of Two ears, Combination Tones, Pitch and Clang Tints, Simple Clang, Overtones.

*Cutaneous Sensation.*

*Temperature Spots*—Temperature Sensitivity, Area stimulation, Pressure Spots, Pain Spots.

*Gustatory Sensation.*

Gustatory Sensation, Distribution of Papillae. Taste Qualities, Taste Contrasts.

*Olfactory Sensation.*

Olfactory Sensation, Field of Smell, Qualities, Exhaustion, Compensation, Mixture, Contrast.

*Organic Sensation.*

*Kinaesthetic Sensations.*

*Affection*—Affective Qualities, Methods of Impression, Methods of Expression.

*Attention*—Range, Duration, Degree, Accommodation, Inertia.

*Simple Reaction.*

*Perception.*

Localisation—*Visual*, Distance, Solidity, Size, etc., Stereo and Pseudoscope, *Auditory*, Rhythm, Tonal Fusion, Consonance, Dissonance. *Cutaneous*, Single Points, Two points. *Gustatory*, *Olfactory*, *Kinaesthetic*, *Organic*.

*Illusions*—Visual, Auditory Cutaneous, Gustatory, Olfactory, Kinaesthetic, Organic sensations.

*Temporal Perceptions.**Composite and Qualitative Perceptions.**Fatigue and Adaptation.*

Visual, Auditory, Cutaneous, Gustatory, Olfactory,  
Kinaesthetic, Organic.

*Ideational Types.**Association of Ideas.**Thought Processes, Action.**Attitude, Meaning.**Habit Formation.**Experimental Aesthetics.**Hypnotism—Nomenclature—Methods.**Psycho-analysis: Dream Analysis.*

## PSYCHOLOGY (Quantitative.)

R. L. (Stimulus Limen) (All Departments).

D. L. (Difference Limen) „

T. R. (Terminal Stimulus) „

Weber's Law „

Psycho-physical Methods.

Reaction Time.

## MENTAL AND PHYSICAL TESTS.

## GENERAL RULES.

Height—standing and sitting.

Weight.

Diameter—skull.

Circumference—skull.

Vital Capacity.

Strength of Grip, back, legs.

Endurance of Grip.

Quickness or rate of movement—tapping.

Accuracy of Movement—tracing.

Steadiness of Motor control.

Visual Acuity.

Heterophoria.

Color blindness.

• Discrimination of Brightness.

• Auditory Acuity.

**Discrimination of Pitch.**

**Discrimination of Lifted Weight.**

**Discrimination of Pressure.**

**Sensitivity to Pain.**

**Discrimination of dual cutaneous impression.**

**Visual Attention—Range.**

**Visual Apprehension.**

**Spot Pattern Test.**

**Form Board, Cancellation.**

**Counting Dots, reading.**

**Simultaneous Adding.**

**Disparate Activities.**

**Description of an Object.**

**Aussage Test.**

**Uncontrolled Association, Continuous and Discrete  
Methods.**

**Controlled Association—Logical Relations.**

**Analogies.**

**Computation.**

**Mirror Drawing.**

**Substitution.**

**Rote Memory, Logical Memory.**

**Suggestibility.**

**Imagination and Invention.**

**Intellectual Equipment, vocabulary, information.**

**Serial Graded Tests—De Sanctis, Binet, Goddard, etc.**

### **OUTDOOR WORK.**

**Zoological Garden.**

**Museum.**

**Deaf and Dumb School.**

**Blind School.**

**Ref or matory.**

**Jails.**

**Lunatic Asylum.**

**Fairs and Markets.**

**Railway Station.**

**RESOLVED—**

1. That the scheme be generally approved.
2. That the members of the teaching staff be requested to draw up detailed Syllabuses in their respective subjects.
3. That the preparation of the time-table for the session 1918-19 be deferred till the next meeting.

**RESOLVED—**

That the maximum number of students to be admitted into each of the 5th and 6th year Classes be fixed at 12."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in History, dated the 2nd August, 1918 :—

"On the motion of Mr. J. N. Das Gupta seconded by Prof. D. R. Bhandarkar, the Hon'ble Sir Asutosh Mookerjee was unanimously elected Chairman of the Board for the year 1918-19.

The Board proceeded to consider the applications for scholarships to be awarded to the students in the Department of Ancient Indian History and Culture.

**RESOLVED—**

1. That as a general rule the Scholarships be awarded to such regular graduate students alone as had not already passed or were not about to appear at the M.A. Examination.

2. That this Scholarship be not tenable with any other scholarship.

3. That it be intimated to every student to whom a Scholarship is awarded that if in the course of two years, he discontinues his studies, he will be liable to be called upon to refund the whole amount paid to him.

4. That a scholarship of Rs. 25 a month tenable for two years be awarded to each of the following students on the condition mentioned in the Resolution of the Board dated the 14th of January, 1918 (confirmed by the Executive Committee on the 17th January, 1918,) namely, that he be required to learn one modern language :—

Name.	Group.
1. Sudhindranath Changdar, B.A.	Archæology.
2. Hemchandra Ray, B.A.	Social and Constitutional History.
3. Sudhirkumar Majumdar, B.A.	Religious History.
4. Satyaprasanna Banerjee, B.A.	Indian Mathematics and Astronomy.

**RESOLVED—**

That Jatindranath Chakrabarty, B.A., be admitted as a free student."

**RESOLVED—**

That the Proceedings be confirmed.

**RESOLVED—**

That an intimation be sent to the Board of Accounts that provision would have to be made in the Budget for 1918-19 for the following expenditure:—

1. Professors and Teachers (already sanctioned)	3,23,940
2. Presidency College Professors (1917-18)	15,000
3. Pension contribution of two teachers	1,575
4. Travelling expenses of lecturers	300
5. Scholarships	1,200
<i>Office.</i>	
1. Secretary	6,600
2. Assistants	10,080
3. Duffries and Bearers	2,616
4. Contingencies and Stationery	3,000
5. Furniture	3,000
6. Proportion of Electric Expenses	3,500
<i>Library.</i>	
Books, Periodicals and Mss.	10,000.
<hr/>	
3,80,811.	

The Secretary requested sanction to provide Summer uniforms (Chapkan and Pagri) for the menials of the Department.

**RESOLVED—**

That arrangements be made similar to those in the case of the menials in the office of the Registrar and that an estimate be put up for sanction.

The Secretary submitted a list of gentlemen to whom the volume of lectures on "Man and Machine Power" by Captain J. W. Petavel, R.E., had been distributed.

**RESOLVED—**

That the action taken be approved.

Read an application, supported by medical certificate, from Babu Pulinbihari Ray, an assistant in the office of the Secretary, who has been suffering from Influenza and heart trouble, praying that leave on full pay for a fortnight may be granted to him with effect from the 22nd July, 1918.

**RESOLVED—**

That the application be granted.

The Secretary reported that Khalil Rahman has been appointed the second Duftry (already sanctioned by the Executive Committee) in his office with effect from 1st August, 1918.

**RESOLVED—**

That the action taken be approved.

Read an application from Babu Binaybhusan Chatterjee, who recently took his admission into the 5th-year Pure Mathematics Class, praying that his name may be withdrawn as he cannot continue his studies owing to ill health and the fees (Rupees Sixteen) already paid by him may be refunded to him.

**RESOLVED—**

That the applicant be allowed to withdraw his name but he be informed that the fees paid cannot be refunded.

Read an application from Babu Rajendranath Pal, who recently took his admission into the 5th-year Philosophy Class and the University Law College and finds that his straitened circumstances will not allow him to continue his M.A. studies, praying that his name may be withdrawn and the fees already paid by him may be refunded to him.

**RESOLVED—**

That the applicant be allowed to withdraw his name but he be informed that the fees paid cannot be refunded.

The Secretary submitted a bill for Rs. 1713-2-0 from Messrs R. Cambray & Co. for supplying books from April to July last to the lending Library of the Post Graduate Department in English, Sanskrit, Pali, Arabic and Persian, Comparative Philology, History, Economics and Indian Antiquities (This amount is covered by the Budget grant for 1917-18).

**RESOLVED—**

That the bill be paid.

Read an application from Babu Nalimohan Chatterjee, M.A., University Lecturer in English, praying that leave *without pay* for 20 days may be granted to him with effect from the 1st August, 1918, to enable him to appear at the ensuing M.A. Examination in Greek.

**RESOLVED—**

That the application be granted.



Read an endorsement from Babu Muralidhar Banerjee, M.A., University Lecturer in Sanskrit, forwarding, with his strong recommendation, an application from Ramanath Ghosh, a student of the 6th-year Sanskrit (Group A) Class, who on account of ill-health is unable to continue his study this year, praying that he may be permitted to resume his studies in the Sixth-year Class next year.

RESOLVED—

That the applicant be allowed to withdraw his name during the current session and to resume his studies next session.

Read an application from Purnendubhusan Mukhopadhyay, a member of the Indian Defence Force, who was a regular student of the University Post-Graduate Class in Economics (Group B) during the session 1917-18 and could not appear at the ensuing M.A. Examination as he was undergoing training in Camp, praying that he may be permitted to attend the lectures of the present Sixth-year Class and appear at the M.A. Examination in 1919 as a University Student.

RESOLVED—

That the application be granted on condition that the applicant pays on the whole tuition fee for two years.

Read an application from Amiruddin Ahmed, who passed the B.Sc. Examination of the Allahabad University, 1917 and got himself admitted into the University Law College and would appear at the next B.A. Examination in English and Vernacular Composition, praying that he may be permitted to join the Post-Graduate Fifth-year Class in Philosophy.

RESOLVED—

That the applicant be allowed to join the Fifth-year Class in Philosophy.

Read an application from Amarendranath Datta, a student of the Sixth-year Class, who is a member of the Bengal Light Horse, undergoing training in Camp, enquiring whether he will be exempted from College fees and percentage of attendance for the period of training.

RESOLVED—

That the applicant be exempted from payment of tuition fees for three months and that the question as to exemption from attendance at lectures be considered at the end of the session.

The Secretary submitted a bill for Rs. 150-6 from Messrs A. G. Khan Bros., Book-binders, being the cost of ruling and binding 300 copies of Registers (Class Rolls) and binding 1200 copies of Credit Memos of the Department.

**RESOLVED—**

That the bill be paid.

Read an application from Dhananjay Datta, who took his admission into the Fifth-year English Class, stating that on account of the death of his elder brother, and consequent straitened circumstances, he cannot continue his studies and praying for the refund of the fees already paid by him.

**RESOLVED—**

That the application be refused.

The Secretary submitted a bill for Rs. 46 from Messrs Ray, Mitra & Co., for supplying a clock for the Secretary's Room.

**RESOLVED—**

That the bill be paid.

The Secretary reported that the undermentioned Lecturers had been taken ill and had applied for leave :—

- |                               |     |  |
|-------------------------------|-----|--|
| 1. Babu Susilkumar De         | ... | One week from 22nd July, 1918.                         |
| 2. Dr. R. D. Khan             | ... | 23rd and 24th July, one week from the 29th July, 1918. |
| 3. Babu Jogischandra Sinha    | ... | One week from 15th July, 1918.                         |
| 4. „ Satischandra Chakrabarti |     | 3 days from 23rd July, 1918.                           |
| 5. „ Bijaygopal Mookerjee...  |     | 25th and 26th July, 1918.                              |
| 6. „ Haridas Bhattacharyya    |     | Two weeks from the 23rd July, 1918.                    |

**RESOLVED—**

That leave be granted.

Read a representation from the menials of the Department praying for an increment of pay on account of War conditions similar to the increment which has been granted by the Syndicate (dated the 18th March, 1918) to the menials of the other departments of the University.

**RESOLVED—**

That an increment of one rupee be granted to all menials attached to the Post-Graduate department in Arts with effect from 1st July, 1918, the order to remain in force during the duration of the War.

(Confirmed).

ASUTOSH MOOKERJEE,

*Chairman,*

H. C. MOOKERJEE,

*Secretary,*

# Proceedings of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1918-19.

## No. 3.

THE 9TH AUGUST, 1918.

### Present:

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc. Ph.D.  
*President, in the Chair.*

- |   |  |
|---|--|
| Dr. G. Howells, M.A., Ph.D., B. Litt., B.D. | Babu Surendramohan Ganguli, M.Sc.,             |
| Rai Bahadur A. C. Bose, M.A.                | „ Praphullachandra Ghosh, M.A.                 |
| Babu Dhireschandra Acharyya, M.A.           | „ Praphullachandra Ghosh, M.A.                 |
| „ Anantaprasad Banerjee, M.A.               | B.Sc.  |
| „ Gauranganath Banerjee, M.A.               | „ Satishchandra Ghosh, M.A.                    |
| „ Indubhushan Banerjee, M.A.                | „ Rajanikanta Guha, M.A.                       |
| „ Manmathanath Banerjee, M.Sc.              | „ Manoranjan Gupta, M.A.                       |
| „ Muralidhar Banerjee, M.A.                 | Susilkumar Maitra, M.A.                        |
| „ Narayanachandra Banerjee, M.A.            | Bijaychandra Majumdar, B.A.                    |
| Dr. Pramathanath Banerjee, M.A., D.Sc.      | Narendrakumar Majumdar, M.A.                   |
| Babu Pramathanath Banerjee, M.A.            | Rameschandra Majumdar, M.A.                    |
| „ Srikumar Banerjee, M.A.                   | Surendranath Majumdar, M.A.                    |
| „ Radhagobinda Basak, M.A.                  | Maulvi Abu Musa Ahmadul Haq.                   |
| Prof. D. R. Bhandarkar, M.A.                | „ Aga Muhomed Kazim Shirazi.                   |
| Babu Kokileswar Bhattacharyya, M.A.         | Pandit Babuya Misra.                           |
| „ Mohinimohan Bhattacharyya, M.A.           | Babu Khagendranath Mitra, M.A.                 |
| „ Pasupatinath Bhattacharyya, M.A.          | „ Khagendranath Mitra, B.A.                    |
| „ Indubhushan Brahmachari, M.A.             | „ Saileudranath Mitra, M.A.                    |
| „ Harachandra Chakladar, M.A.               | „ Bijaygopal Mookerjee, M.A.                   |
| „ Niranjanprasad Chakrabarti, M.A.          | Dr. Harendra Coomer Mookerjee, M.A., Ph.D.     |
| „ Prabhatchandra Chakrabarti, M.A.          | Babu Panchanandas Mookerjee, M.A.              |
| „ Kalidhan Chatterjee, M.A.                 | Dr. Syamadas Mookerjee, M.A., Ph.D.            |
| „ Nirmalchandra Chatterjee, M.A.            | Babu Jitendraprasad Niyogi, M.A.               |
| „ Sunitikumar Chatterjee, M.A.              | Samana Pannananda.                             |
| „ Rohinimohan Chaudhuri, M.A.               | Babu Hemchandra Raychaudhuri, M.A.             |
| J. C. Coyajee Esq., B.A., LL B.             | „ Satishchandra Ray, M.A.                      |
| Dr. C. E. Cullis, M.A., Ph.D.               | „ Krishnabinod Saha, M.A.                      |
| Babu Babindramohan Datta, M.A.              | „ Bijaykumar Sarkar, A.B.                      |
| „ Sasindrachandra Dhar, M.Sc.               | M. Vedantabhisarad N. S. Anantakrishna Sastri. |
|   | Mahamahopadhyay Laksman Sastri.                |
|   | Pandit Sitaram Sastri.                         |
|   | Dr. Brajendranath Seal, M.A., Ph.D.            |
|   | Babu Bipinbihari Sen, M.A.                     |

Babu Surendranath Sen, M.A.  
 A. C. Sen gupta, Esq., M.A.  
 Babu Probodhohandra Sengupta, M.A.  
 Pandit Hargovind Das Sheth.  
 Samana K. Siddhartha.  
 Babu Jogischandra Sinha, M.A.  
 Shaikh Abu Nasr Gilani,  
 Shams-ul-Ulama Vilayet Hossain.  
 Prof. H. Stephen, M.A., D.D.  
 The Hon'ble Dr. A. Suhrawardy,  
 M.A., Ph.D.

Prof. I. J. S. Taraporewala, B.A.,  
 Ph.D.  
 Y. J. Taraporewala, Esq., B.A.  
 Mahamahopadhyay Pramathanath  
 Tarkabhushan.  
 Pandit Sivakumar Tarkadarsanatirtha.  
 Pandit Krishnacharan Tarkalankar.  
 Rev. W. S. Urquhart, M.A., D. Phil.  
 Pandit Rajendranath Vidyabhushan.  
 Mahamahopadhyay Dr. Satischandra  
 Vidyabhushan, M.A., Ph.D.  
 Babu Panchanan Sinha, M.A.

Dr. Brajendranath Seal moved that the Proceedings of the Executive Committee, dated, the 10th July, 1918 be confirmed.

Mr. B. C. Majumdar seconded the motion which was put to the vote and carried.

Dr. C. E. Cullis moved that the Proceedings of the Executive Committee, dated the 23rd July, 1918 be confirmed.

Dr. Brajendranath Seal seconded the motion which was put to the vote and carried.

Dr. H. Stephen moved that the Proceedings of the Executive Committee, dated, the 2nd August, 1918 be confirmed.

Babu Khagendranath Mitra seconded the motion which was put to the vote and carried.

(Confirmed).

ASUTOSH MOOKERJEE,  
*President.*

H. C. MOOKERJEE,  
*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR, 1918-19.

**No. 4**

THE 9TH AUGUST, 1918.

## **Present :**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President, in the Chair.*

Rev. Dr G. Howells, M.A., Ph.D ,	Professor Brajendranath Seal, M.A.,
B.Litt., B.D.	Ph.D.
Rai A. C. Bose, Bahadur, M.A.	Rev. Dr. W S. Urquhart, M.A., D.Phil
Professor H. Stephen, M.A , D.D.	Professor D. R. Bhandarkar, M.A.
Mahamahopadhyay Dr. Satischandra	Mr. Bipinbihari Sen, M.A.
Vidyabhushan, M.A., Ph.D.	Mr. Satischandra Ray, M.A.
Dr. I. J. S. Taraporewala, B.A., Ph.D.	Mr. J. C. Coyajee, B.A., LL.B.
The Hon'ble Dr. A. Suhrawardy,	Dr. C. E. Cullis, M.A., Ph.D.
M.A., Ph.D.	Dr. Syamadas Mukerjee, M.A , Ph.D.

Read the following Proceedings of the Board of Higher Studies in English, dated the 9th August, 1918 :—

“On the motion of Dr. H. Stephen seconded by Dr. Brajendranath Seal, the Hon'ble Sir Asutosh Mookerjee was unanimously elected Chairman of the Board for the year 1918-19.

The Board then proceeded to co-opt, under Section 9 (c) of Chapter XI of the Regulations, not more than two members from amongst those engaged in Post-Graduate teaching in the subject of the Board in places outside Calcutta.

The following names had been proposed in accordance with section 42 :—

Babu Satyendranath Bhadra, M.A., Professor, Dacca College.

Rai Lalitmohan Chatterjee, Bahadur, M.A., University Lecturer in English, Jagannath College, Dacca.

Mr. R. C. Goffin, M.A., Professor, Cotton College, Gauhati.

Mr. F. W. Sudmersen, M.A., Principal, Cotton College, Gauhati.

A ballot was taken with the following result :—

Babu Satyendranath Bhadra	...	...	7 votes.
Rai Lalitmohan Chatterjee, Bahadur	...	...	5 "
Mr. R. C. Goffin	...	...	7 "
Mr. F. W. Sudmersen	...	...	5 "

Babu Satyendranath Bhadra and Mr. R. C. Goffin were declared duly elected.

Read a letter from Rev. A. B. Johnston, B.A., expressing his inability to examine answer papers in English for the M.A. Examination, 1918.

**RESOLVED—**

That Rai Lalitmohan Chatterjee, Bahadur, M.A., be appointed an External Examiner and that the papers allotted to Mr. Johnston be assigned to him.

Read an endorsement from Dr. Stephen, forwarding an application from Nripendranath Das, a student of the Sixth-year English Class, requesting permission to offer a thesis in lieu of examination in papers VII and VIII (Group A).

**RESOLVED—**

That the application be granted.

Read an endorsement from Mr. J. W. Holme, M.A., forwarding an application from Srischandra Sinha, a student of the Sixth-year Class in English requesting permission to offer a thesis in lieu of examination in papers VI and VIII (Group A).

**RESOLVED—**

That the application be granted.

Read an endorsement from Mr. Jaygopal Banerjea, M.A., forwarding an application from Kamalkrishna Ghosh, a student of the Sixth-year English Class, requesting permission to offer a thesis in lieu of Examination in papers VII and VIII (Group A).

**RESOLVED—**

That the application be granted.

The Board then considered and adopted the routine of tutorial work of the 6th-year Class (as annexed to these Proceedings).

Read a letter from Babu Sushilkumar De, University Lecturer, on the arrangements to be made for tabulation of the M.A. results in English.

**RESOLVED—**

That the Board recommend to the Executive Committee that two honorary tabulators be appointed in this subject from among the M.A. Examiners."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Mental and Moral Philosophy, dated the 9th August, 1918:—

“The Board proceeded to elect a Chairman for the year 1918-19.

**RESOLVED—**

That the Hon’ble Sir Asutosh Mookerjee be elected Chairman of the Board for the year 1918-19.

The Board then proceeded to co-opt, under Section 9 (c) of Chapter XI of the Regulations, not more than two members from amongst those engaged in Post-Graduate teaching in the subject of the Board in places outside Calcutta.

The name of Mr. G. H. Langley, M.A., University Lecturer in Philosophy at Dacca had been proposed in accordance with Section 42.

The gentleman proposed was duly elected.

The Board next considered the question of arrangements to be made for tabulation of the M.A. results in Mental and Moral Philosophy.

**RESOLVED—**

That the Board recommend to the Executive Committee that to expedite the tabulation, two members of the Board of M.A. Examiners be requested to undertake the work without remuneration.”

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Economics, dated the 9th August, 1918:—

“On the motion of Babu Bipinbihari Sen seconded by Dr. Pramathanath Banerjee, the Hon’ble Sir Asutosh Mookerjee was unanimously elected Chairman of the Board for the year 1918-19.

The Board next proceeded to co-opt, under Section 9 (c) of Chapter XI of the Regulations, not more than two members from amongst those engaged in Post-Graduate teaching in the subject of the Board in places outside Calcutta.

The name of Mr. T. T. Williams, M.A., B.Sc., University Lecturer in Economics at Dacca, had been proposed in accordance with Section 42.

The gentleman proposed was duly elected.

Read a letter from Mr. S. C. Ray, M.A., expressing his inability to examine answer papers in Economics at the ensuing M.A. Examination.

RESOLVED—

That Babu Bhujan<sub>2</sub>abhusan Mookerjee, M.A., formerly University Lecturer, now Lecturer in Economics at the Diocesan College, be appointed an External Examiner and the papers assigned to Mr. Ray be given to him.

Read a letter from Babu Panchanandas Mukerjee, University Lecturer, on the question of tabulation of the M.A. results in Economics.

RESOLVED—

That the Board recommend to the Executive Committee that two members of the Board of M.A. Examiners be requested undertake the work without remuneration."

RESOLVED.—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in History, dated the 9th August, 1918 :—

"The Board met to co-opt, under Section 9 (c) of Chapter XI of the Regulations, not more than two members from amongst those engaged in Post-Graduate teaching in the subject of the Board in places outside Calcutta.

The name of Babu Aswinikumar Mukerjee, M.A., University Lecturer in History at Dacca, had been proposed in accordance with Section 42.

The gentleman proposed was duly elected.

The Board next proceeded to consider the question of tabulation of the M.A. results.

RESOLVED—

That the Board recommend to the Executive Committee that two members of the Board of M.A. Examiners be requested to undertake the work without remuneration.

Read a note from Mr. J. N. Das Gupta, University Lecturer, on the list of books recommended for Paper I for the M.A. Examination in 1920.

RESOLVED—

That the undermentioned work be transferred from the list of books recommended to be consulted to the list of books recommended to be studied :

Rose ... Napoleon and Pitt."



## RESOLVED—

That the Proceedings be confirmed.

Read the following note by Dr. Taraporewala on the preparation of Typical Selections on Gujarati.

“The work is rendered easier by the existence of several volumes of poetical selections from Gujarati already published in Bombay and elsewhere. Notable among them are *Prachina Kavya Mala* and the *Brihat Kavya Dohan* in eight volumes. The work would easily fill two volumes of about 1000 pages each.

I would divide Gujarati literature into seven divisions partly based on chronology and partly on geographical and communal considerations. These divisions are :—

1. From about the 10th Century A.D. to the 14th.
2. From the 15th to the 17th Century.
3. The 18th Century to 1850.
4. From 1850 to the present day.

These four divisions are chronological and include the Hindu writers of Gujarat proper.

But Gujarati has been spoken during all these centuries in the very interesting and romantic land of *Saurashtra* or *Sorath*, what we call at the present day *Katkiawad*. The Gujarati there is a particularly rich dialect and of very great interest to the philologist. This, therefore, would make my next division :—

5. The literature of Saurashtra (mostly unpublished).

Then there is the Parsi community who have been in India, principally in Gujarat, since the middle of the 12th century and they have adopted the language as their mother-tongue. This race has produced a dialect which is now quite distinct from Hindu Gujarati and which is also of interest to the philologist. There have been Parsi writers of some note during these centuries and there have been a lot of new writers among them in modern times ; so I would put them together as :—

6. Parsi Writers.

What applies to Parsis applies to Moslems as well though their dialect is not quite so different and their numbers too are fewer. Thus we get 7 Islamic writers.

1. The period from the 10th Century up to the 14th comprises mainly Jain literature. The mass of it is enormous and very little of it has been printed as yet. Some of these are published in the *Jaina Kavya Mala*. The literature is mainly theological but also partly of Rasas which are semi-historical semi-religious poems. The language is nearest the *Apabhramsha Prakrit*. This may be called the *Apabhramsha* or the *Jaina period*.

2. The period from the 15th to the 17th Century may be styled the *Period of Bhaktimarga*. It is instinct with Vaishnava doctrines and in some respects it has been the inspiring force of all the literature which followed. The two great figures at its beginning are *Narasinha Mehto* and *Miranbai*. The language is more or less modern Gujarati and is easily understandable to a modern reader though it is customary to talk of it as “Middle Gujarati.” The middle of this period is almost barren but towards the end we get three great names *Akho*, *Premanand* and *Samal Bhatt* the second of whom is the greatest name in Gujarati literature. On the whole, this period is very rich and very interesting both for the intrinsic beauty of the works, and for the gradual development of the language to its modern form.

3. From the 18th Century to the middle of the 19th Century. This might be almost called the *Transition Age* leading up to the Renaissance of Gujarati literature of our own time. The early part has been called

"imbecile" and "sectarian" by a sound critic but we do get very lovable personalities and sweet singers especially *Dhīro Bhagat* and *Bhojo Bhagat*. There are several poetesses too at this time, one of them writing a very quaint mixture of Gujarati, Marathi and Hindi. The period as a whole is certainly uninteresting and insipid. But towards the end we come across a star of the first magnitude, *Dayaram* second only to *Premchand* in his fervour and perhaps is superior in thought and depth of philosophy. The language is quite indistinguishable from modern Gujarati.

4. From 1850 to the present day—we should call this the *Renaissance of Gujarati Literature*. There are a large number of authors of varied degrees of power. The language is very pure in some and the recent movement of the *Gujarat Sahitya Parishad* has been a distinct move for purifying the written language. The main feature, however, is the contact with the west and the rise of the national feeling. A very marked feature has been the rise of prose and drama both practically unknown in the earlier periods. The historical novel has been a marked success and so also has been the novel for giving religious teaching. Some of the works produced during this generation are works that will take a very high place in the literature of India, if not of the world. In the language itself Western and foreign words come in often and if not the words the thought and style certainly show foreign influences.

5. *The ballad literature of Saurashtra*. This is mostly unpublished and is merely communicated at assemblies by singers. They are hero tales and legends of the Rajputs very touching and very poetical. The linguistic value is very great for the language is very different from that of the literature we have already considered. It is mostly in the popular dialects of the masses. This should be carefully collected and transcribed by a person on the spot.

6. *Parsi literature*. Till the beginning of the 19th Century there were few writers in this community. What they wrote was mainly religious and language was rarely pure "Hindu" Gujarati. The Parsi dialect is a remarkable mixture of Sanskrit and Persian (and at the present day, English) words. The sentence construction is more Persian and now a days after the English model. From the 2nd quarter of the 19th Century, Parsis have produced a literature, mainly prose, consisting of novels, essays and short stories. Most of the works are adaptations or direct translations from English but there are a few original ones of some merit. Some Parsi writers are quite capable of writing pure "Hindu" Gujarati, but the main linguistic interest of this part of Gujarati literature lies in the peculiar words and phrases of the dialect as well as in the special type of humour, developed quite different from the Hindu conception of it.

7. *Islamic literature*. This is the smallest sub-division. There have been but few works of note produced in this community. But the influence of Arabic and Islamic thought make this division of some interest."

#### RESOLVED—

(1) That the Scheme be generally approved and deemed incorporated with that adopted on the 29th June, 1918.

(2) That the editorial work be entrusted to Dr. Taraporewala and that his remuneration be fixed at Rs. 2,000.

(3) That Dr. Taraporewala be authorised to correspond with Professor Dhruva and other Gujarati Scholars, and to submit supplementary proposals from such assistance as he may require in the preparation of the work.

The Secretary submitted a bill for Rs. 335 from Messrs. Remington Typewriter Co. Ltd., for supplying one typewriting machine for the office. (Sanctioned by the Executive Committee on the 23rd July, 1918.)

**RESOLVED—**

That the bill be paid.

Read an application from Babu Sisirkumar Ray, M.A., Residence Inspector, applying for leave for fifteen days with effect from the 1st August, 1918, as he has been suffering from a bad type of Influenza.

**RESOLVED—**

That fifteen days' leave on full pay be granted to Babu Sisirkumar Ray, M.A., with effect from 1st August, 1918.

Read an application from Babu Charuchandra Bandyopadhyay, B.A., Assistant Editor, the Modern Review and the Prabasi, requesting permission to attend the German Class of Mons. Vonck.

**RESOLVED—**

(1) That the permission asked for be granted on payment of a fee of Rs. 3 per month.

(2) That the Secretary be authorised to admit (with the sanction of the President) to the Classes held by Mons. Vonck a limited number of persons (other than University teachers) who may be engaged in advanced study and research, on payment of a fee of Rs. 3 a month for each language.

The Secretary submitted a travelling allowance bill for Rs. 71-7-6 from Babu Rohinimohan Chaudhuri, M.A., for his journey from Lahore to Calcutta to join his appointment as University Lecturer in Economics.

**RESOLVED—**

That the bill be paid.

Read an application from Babu Pulinbihari Ray, an Assistant in the office of the Secretary, who has been suffering from Influenza and heart trouble and was granted leave for a fortnight with full pay with effect from the 22nd July, praying for an extension of leave for one month with effect from the 6th August, 1918.

**RESOLVED—**

That leave on full pay be granted to the applicant for a further period of one month as a special case.

The Secretary reported that Babu Nepalchandra Chakrabarti, B.A., had been appointed Monitor with a free seat in Post-Graduate Mess at 50-3B, Sreegopal Mallik Lane.

**RESOLVED—**

That the action taken be approved.

Read a memo. from the Registrar, forwarding extracts from the audit notes, regarding the Post-Graduate Department, received from the Government of India, for the sessions 1914-15 and 1915-16.

**RESOLVED—**

That the papers be returned to the Registrar and his attention be drawn to the fact that the Executive Committee of the Council of Post-Graduate Teaching in Arts has no concern with the question raised, as the extracts from the audit note forwarded by him refer to a period of time when the University M.A. Classes were managed by the Syndicate with the help of a Governing Body appointed by the Syndicate.

The question of appointment of a Medical Officer for the Post-Graduate Messes was considered.

**RESOLVED—**

That Dr. Anilanganath Banerjee, M.B., be appointed Medical Officer for the Post-Graduate Students' Messes for the session 1918-19 on a salary of Rs. 50 a month and that his duties be (1) to visit each Mess once a day, and (2) to attend free of charge, on students in cases of illness.

The Secretary reported that, under instructions from the President, he had arranged to place his Office staff at the disposal of the Controller of Examinations for the conduct of the M.A. and M.Sc. Examinations, and that he himself would assist the Controller as far as necessary.

The Secretary enquired what arrangements were to be made for the tabulation of the results of the M.A. and M.Sc. Examinations, 1918.

**RESOLVED—**

That the undermentioned members of the Board of Examiners be appointed honorary tabulators in the several subjects mentioned :—

English.	Babu Narendrakumar Majumdar, M.A. ...	Lecturer on Mathematics.
	„ Sushilkumar De, M.A. ...	Lecturer on English.

Sanskrit.	Babu Satischandra Bose, M.A.	Lecturer on
Pali.		Mathematics.
Arabic.		
Persian,		
Greek.		
Comparative	„ Surendranath Majumdar, M.A.	Lecturer on
Philology.		Sanskrit &c.
Mental and	„ Satischandra Ghose, M.A.	Lecturer on
Moral Philo-		Mathematics.
sophy.		
Experimental	„ Kalidhan Chatterjee, M.A.	Lecturer on
Psychology.		Philosophy.
History.	„ Hariprasanna Banerjee, M.Sc.	Lecturer on
		Mathematics.
	„ Gauranganath Banerjee, M.A.	Lecturer on
		History.
Economics.	„ Manoranjan Gupta, M.Sc.	Lecturer on
		Mathematics.
	„ Pauchannandas Mookerjee, M.A.	Lecturer on
		Economics.
Pure Mathe-	„ Surendramohan Ganguly, M.Sc.	Lecturer on
matics.		Mathematics.
	„ Sasindrachandra Dhar M.Sc.	... Lecturer on
		Mathematics.

The Secretary submitted a bill for Rs 73-14-0 from Messrs Newman & Co., for supplying stationery to his Office.

**RESOLVED—**

That the bill be paid.

Read a letter from Dr. Taraporewala enclosing a list of books required for the Library of the Post-Graduate Department.

**RESOLVED—**

That the books be purchased.

Read an application from Abul Hussain, who passed the last B.A. Examination from the 'Presidency College' with Honours in Economics and took his admission into the 5th-year Economics Class of the University, stating that as he may get a scholarship of Rs. 25 tenable at the Presidency College, he may be allowed to withdraw his name from the University Class and attach himself to the Presidency College where he will have to pay the usual tuition fee and praying that the fees already paid by him to the University may be refunded to him.

**RESOLVED—**

That the applicant be directed to apply through the Principal of the Presidency College.

Read an application from Ramendranath Chatterjee, who passed the last B.Sc. Examination and got himself admitted into the 5th-year M.Sc. Class in Mathematics, praying that he may be allowed to change his subject from Mathematics into English and stating that he will appear at the next B.A. Examination in English and Vernacular Composition.

RESOLVED—

That the applicant be directed first to obtain the permission of the Syndicate to appear at the next B.A. Examination in English and Vernacular Composition.

Read a letter from Babu Surendranath Sen, M.A., University Lecturer in History, stating that Rai Bahadur B.A. Gupte, F.Z.S., presents through him a copy of Parasnis, "Satara" to the lending Library of the Post-Graduate Department.

RESOLVED—

That the book be accepted and thanks of the Executive Committee be conveyed to Mr. Gupte for his gift.

Read an application from Khirodlal Dhar, who got himself admitted into the Post-Graduate 5th-year Class in Economics (Group A), praying that as the climate of Calcutta does not suit him, he may be allowed to withdraw his name from the University Class and prosecute his studies under the University Lecturer at Dacca.

RESOLVED—

That the applicant be allowed to withdraw his name but he be informed that the fees paid cannot be refunded.

(Confirmed).

ASUTOSH MOOKERJEE,  
*President.*

H. C. MOOKERJEE,  
*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts

FOR THE YEAR 1918-19.

## No. 5.

THE 27TH AUGUST, 1918.

### Present:

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President, in the Chair.*

Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.	Professor Brajendranath Seal, M.A., Ph.D.
Rai A. C. Bose, Bahadur, M.A.	Professor D.R. Bhandarkar, M.A.
Professor H. Stephen, M.A., D.D.	Mr. Bipinbihari Sen, M.A., B.L.
Mr. T. S. Sterling, M.A.	Mr. Satishchandra Ray, M.A.
Mahamahopadhyay Dr. Satishchandra Vidyabhushan, M.A., Ph.D.	Mr. J. C. Coyajee, B.A., LL.B.
Dr. I. J. S. Taraporewala, B.A., Ph.D.	Dr. Syamadas Mukerjee, M.A., Ph.D.
The Hon'ble Dr. A. Subhawardy, M.A., Ph.D.	Dr. C. E. Cullis, M.A., Ph.D.

Read the following Proceedings of the Board of Higher Studies in Sanskrit, dated the 27th August, 1918 :—

“The Board met to settle the programme of tutorial work (5th and 6th-year Classes) for the year 1918-19.

### RESOLVED—

(1) That arrangements be made for the writing of Essays by students on general and special subjects and for holding discussions on philosophical, historical and literary subjects.

(2) That Mahamahopadhyay Dr. Satishchandra Vidyabhushan, Dr. I. J. S. Taraporewala, Babu Surendranath Majumdar, Babu Prabhatchandra Chakrabarti and Pandit Sitaram Sastri be placed in charge of tutorial work in the

general subjects and that the tutorial work in each special subject be assigned to Professors lecturing in that subject.

(3) That the tutorial classes be held ordinarily from 11 A.M. to 12 noon.

Read a letter from Mahamahopadhyay Dr. Satishchandra Vidyabhushan on the question of admission of the students into the several Groups in Sanskrit.

**RESOLVED—**

That in the award of free-studentships, the fact be taken into account that when the Sanskrit College was affiliated up to the M.A. standard in Sanskrit, students were invariably admitted to the M.A. class free of charge."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Comparative Philology, dated the 27th August, 1918 :—

"Read an endorsement from Dr. Taraporewala, forwarding, with his recommendation, an application from Hemantakumar Sarkar, a student of the 6th-year Class in Comparative Philology requesting permission to offer a thesis in lieu of Examination in Papers IV and V.

**RESOLVED—**

That the application be granted."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Political Economy and Political Philosophy, dated the 27th August, 1918 :—

"Read a memo. from the offg. Registrar, forwarding a copy of letter No. <sup>381</sup>/<sub>11/44</sub>, dated the 7th August, 1918, from the Principal, Dacca College, requesting that Mr. S. C. Bose, B.A. (Cal), A.M. (Nebraska), Professor of Political Economy and Political Philosophy, Dacca College, may be appointed University Lecturer in Economics at Dacca during the absence of Mr. T. T. Williams on Military duty.

**RESOLVED—**

That the Registrar be requested to obtain from the Principal, Dacca College, as early as practicable, informations on the following points :—

(1) The names and qualifications of all the members of the staff who will be in charge of Economics in the B.A. and M.A. classes during the absence of Mr. Williams.



(2) The number of students in Economics in the B.A. and M.A. classes.

(3) The proposed time-table or programme of work in Economics for the B.A. and M.A. classes."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Pali, dated the 27th August, 1918:—

"The Board met to settle the Programme of tutorial work (5th and 6th-year Classes) for the year 1918-19.

RESOLVED—

That the time-table annexed to the Proceedings be sanctioned."

RESOLVED—

That the Proceedings be confirmed.

Read an endorsement from the Officiating Principal, Presidency College, forwarding, with his recommendation, an application from Abul Hussain, who got himself admitted into the 5th-year Economics Class of the University and in anticipation of a Scholarship tenable at the Presidency College has again taken admission into the aforesaid College as an attached student where he has paid the usual tuition fees, praying that the fees already paid by him to the University may be refunded to him.

RESOLVED—

That the application be granted and the fees paid refunded.

The Secretary placed on the table applications from Post-Graduate students for free-studentships during the year 1918-19, and stated that the President had interviewed each applicant with the help of Dr. Syamadas Mookerjee, Mr. Bipinbihari Sen, Mahamahopadhyay Dr. Satischandra Vidya-bhushan and the Hon'ble Dr. A. Suhrawardy.

RESOLVED—

That, as a general rule, the following principles be applied in the award of free-studentships :

(A) The award of free-studentships to Fifth-year students during the session 1918-19, do take effect, only when they comply with the following conditions :—

(a) Students who have already joined a Law College must forthwith withdraw their names from the Law College and sign a declaration that they have done so.

(b) Students must sign a declaration that so long as they hold a free-studentship, they will not join a Law College.

(B) Every free-student, whether in the Fifth-year or the Sixth-year Class, must produce before the Secretary, at stated times, a certificate from his Professors that he has been diligent in his studies and has been regular in attendance at lectures and in tutorial work. If he fails to produce a satisfactory certificate, the free-studentship awarded to him will be withdrawn.

RESOLVED FURTHER—

That the list of free-students drawn up by the President on the above basis be approved.

RESOLVED ALSO—

That before the commencement of the next session, 1919-20, it be notified that applications for free-studentships in the Post-Graduate classes, will not be entertained if they are made by students who are about to join or have joined a Law College.

Read a letter from Dr. Taraporewala, University Professor of Comparative Philology, proposing that University Professors and Lecturers may be allowed to get issued out of the Library any number of books not exceeding twenty-five at a time.

RESOLVED—

That no action be taken at present on the line suggested.

The Secretary reported that Babu Sisirkumar Ray, M.A., Residence Inspector, who was granted leave for a fortnight (Executive Committee, dated the 9th August, 1918) on ground of ill-health with effect from the 1st August, 1918; availed himself of 11 days' leave only.

ORDERED—

To be recorded.

Read an application from Pravakar Banerjee, who passed the B.A. Examination of the Allahabad University, 1918, praying that he may be allowed to join the Post-Graduate classes in English.

RESOLVED—

That the application be granted subject to the production of permission of the Registrar, Allahabad University.

Read a letter from Mr. Phanindralal Ganguli, M.A., University Lecturer in History and Assistant Professor in Ancient Indian History and Culture, reporting that Pandit Babuya

Misra, who used to assist him in his researches in Hindu Astronomy, has stopped coming to the University and working with him and requesting that his duties may be defined by the Executive Committee.

**RESOLVED—**

That Pandit Babuya Misra be informed that his appointment as a University Lecturer does not relieve him of the duties previously discharged by him, namely, to assist Mr. Ganguli in his researches in Indian Astronomy.

Read an application from Upendranath Banerjee who passed the B.Sc. Examination this year, with distinction, from the St. Xavier's College and obtained the permission of the Syndicate to appear at the next B.A. Examination in English and Vernacular Composition as a non-collegiate student, praying that he may be allowed to join the Post-Graduate 5th-year Class in English (Group A).

**RESOLVED—**

That the application be granted.

The Secretary reported that Mr. Chandra Bhan, who passed the B.A. Examination of the Punjab University, this year, with First Class Honours in Mathematics has been provisionally admitted into the Post-Graduate 5th-year Class in English (Group A).

**RESOLVED—**

That the action taken be approved.

Read a letter from Captain J. W. Petavel, R.E., requesting that he may be supplied with 130 copies of his book, "Man and Machine Power," out of which, 30 copies will be sent to the Press and Indian Universities ; 50 copies for distribution and 50 copies to be sent to England for sale there, for which he will be personally responsible.

**RESOLVED—**

That the request be complied with and that Rs. 50 the price of 50 copies be deducted from the honorarium of Rs. 300 payable to Capt. Petavel.

The Secretary placed before the meeting the following applications from Students praying for free-seats in the Post-Graduate Students' Mess on ground of indigent circumstances :—

1. Naliniranjan Chakrabarti,  
6th-year, English.
2. Sachindrakumar Dasgupta,  
5th-year, Pali.

3. Abanimohan Lodh,  
6th-year, Philosophy.

**RESOLVED—**

That the applications of Naliniranjan Chakrabarti and Abanimohan Lodh be granted.

The following dates were fixed for submission of marks by the Examiners at the M.A. and M.Sc. Examinations, 1918.

English	...	...	20th September, 1918.
Sanskrit	...	...	9th September, 1918.
Pali	...	...	Do.
Arabic	...	...	Do.
Persian	...	...	Do.
Greek	...	...	Do.
Comparative Philology	...	...	Do.
Mental and Moral Philosophy	...	...	20th September, 1918.
Experimental Psychology	...	...	9th September, 1918.
Political Economy and Political Philosophy	...	...	17th September, 1918.
History	...	...	20th September, 1918.
Pure Mathematics	...	...	17th September, 1918.

Read an endorsement from Babu Sasindrachandra Dhar, M.Sc., Superintendent, Post-Graduate Students' Mess at 75-5A College Street, forwarding an application from Babu Prabodh-chandra Bagchi, B.A., praying that he may be appointed Monitor with a free-seat in the aforesaid Mess.

**RESOLVED—**

That the application be granted.

The Secretary requested instructions as to the distribution of the copies of the Proceedings of the Councils and Executive Committees for the year 1917.

**RESOLVED—**

- (A) That a copy of the volume be sent to—
- (1) Each member and each Secretary of the Councils of Post-Graduate Teaching in Arts and Science.
  - (2) Each co-opted member of a Board of Higher Studies in Arts and Science.
  - (3) Each Member of the Senate.
  - (4) Each Added member of a Faculty.
  - (5) University of Bombay, Madras, Panjab, Allahabad, Benares, Mysore, Patna, Oxford, Cambridge, London, Durham, Leeds, Manchester, Birmingham, Edinburgh, Glasgow, Aberdeen, St. Andrews, Dublin, Hongkong, Tokio, Harvard, Johns Hopkins, Chicago, California, Columbia, Yale, Princeton, Pennsylvania.

(B) That care be taken that if the name of any person appears in more than one of the above categories, only one copy is to be sent to him.

**RESOLVED FURTHER—**

That an estimate of the cost of production be put up, to enable the Executive Committee to fix the sale price of the volume.

The Secretary enquired whether in view of the fact that he has been receiving a number of applications from the students of the Post-Graduate Classes to know their percentage of attendance, a small fee might be charged from the students for the information, as is done under similar circumstances in the University Law College.

**RESOLVED—**

That a fee of one rupee be levied on each application, (the fee to be paid in advance to the Cashier who will thereupon certify the fact on the application).

The Secretary enquired whether in view of the fact that many students applied to him to change their subjects of study, a fee might be charged from the students for the necessary entries in the Office Registers, as he done under similar circumstances in Government Colleges.

**RESOLVED—**

That a fee of two rupees be levied on each application (the fee to be paid in advance to the Cashier who will thereupon certify the fact on the application ).

Read an application from Krishanadas Sinha, who was a Fifth-year student in the English Class for the months of June to October during the session 1917-18 and discontinued his studies after paying all his dues for the period and got himself admitted again into the 5th-year English Class from the beginning of the current session, praying that the fees paid by him during the last session may be refunded to him.

**RESOLVED—**

That remission be granted during the current session to the extent of Rs. 40 (the fees actually paid last session.)

The Secretary submitted a bill for Rs. 27 from Babu Ushakanta Koar for supplying two Physiological coloured diagrams for use in the Department of Experimental Psychology.

**RESOLVED—**

That the bill be paid.

The Secretary submitted a bill for Rs 206-12-0 from Messrs. Choudhuri Burdhan & Co., Cabinet Makers, for supplying furniture for the Secretary's Room.

**RESOLVED—**

That the bill be paid.

Read a letter from the Medical Officer, Post-Graduate Students' Messes, requesting that the following articles may be supplied to each mess for use of the boarders :—

1. One clinical Thermometer.
2. One measure glass.
3. One record book.

**RESOLVED—**

That the suggestion be carried out.

The Secretary submitted a bill for Rs. 3,786-4-6 from Messrs. R. Cambray & Co., for supplying books to the lending Library of the Post-Graduate Department in English, Pali, Sanskrit, Arabic and Persian, Comparative Philology, History, Economics and Indian Antiquities. (This amount is covered by the Budget grant for 1917-18.)

**RESOLVED—**

That the bill be paid.

Read an application from Dr. Pramathanath Banerjee, (who had recently recovered from a severe attack of Influenza) for leave for one month with effect from 1st September next, stating that the work of the students will not suffer as Mr. S. C. Ray and Mr. P. Mookerjee had agreed to deliver additional lectures during his absence.

**RESOLVED—**

That the application be granted.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

H. C. MOOKERJEE,

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts

FOR THE YEAR, 1918-19.

**No. 6.**

The 5th September, 1918.

## **Present :**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President, in the Chair.*

Rev. Dr. G. Howells, M.A., Ph D., B.Litt., B.D.	The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D.
Rai A. C. Bose, Bahadur, M.A.	Professor Brajendranath Seal, M.A., Ph.D.
Professor H. Stephen, M.A., D.D.	Professor D. R. Bhandarkar, M.A.
Mahamahopadhyay Dr. Satischandra Vidyabhushan, M A., Ph D.	Mr. Bipinbihari Sen, M.A., B.L.
Dr. I. J. S. Taraporewala, B.A , Ph.D.	Dr. Syamadas Mukerjee, M.A., Ph.D.

Read the following Proceedings of the Board of Higher Studies in Experimental Psychology, dated the 28th August, 1918.

## **“ RESOLVED—**

That the time-table for the session 1918-19 annexed to these Proceedings be approved.”

## **RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of a joint meeting of the Boards of Higher Studies in Sanskrit, Pali, Arabic and Persian and Comparative Philology, dated the 30th August, 1918.

“ Read the following memorandum by the President :

### **Indian Vernaculars in the M.A. Examination.**

A previous memorandum drawn up by me contained the outlines of a scheme for the preparation of a series of volumes to facilitate the advanced study of the Indian Vernaculars. This proposal was approved by a Joint meeting of the Boards of Higher Studies in Sanskrit, Pali and Comparative Philology on the 28th June last. The recommendations of the Joint meeting were subsequently confirmed by the Executive Committee and the Council, and the Syndicate has recently recommended to the Senate that the scheme be carried into effect. In the present memorandum, I shall outline my plan for the inclusion of the Indian Vernaculars as subjects for the M.A. Degree Examination. No arguments are needed at the present day to support the position that a critical and scientific, historical and comparative study of the Indian Vernaculars affords ample scope for such intellectual discipline as is requisite for the highest degree examination in the University. The following scheme, designedly made elastic and capable of modification in the light of experience, summarises my proposals.

(1) In Chapter XXXIII of the Regulations for the Degree of Master of Arts, in Section 3, which contains the list of subjects for Examination, after “ (viii) Latin,” insert “ (viiiia) Indian Vernaculars.”

(2) In the same Chapter, after the Syllabus in Latin, insert the following :

#### **“ Indian Vernaculars.”**

\*Candidates shall be examined in

(A) An Indian Vernacular as principal subject, to be selected by the candidate from a list prescribed from time to time by the Board of Higher Studies in Indian Vernaculars.

(B) A second Indian Vernacular as subsidiary subject, to be selected by the candidate from a list prescribed from time to time by the Board of Higher Studies in Indian Vernaculars.

(C) Elements of two of the following languages, to be selected by the candidate with special reference to their influence on the Vernaculars chosen as principal and subsidiary subjects :

• Prakrit, Pali, Persian, Pashtu.

This list may be varied from time to time by the Board of Higher Studies in Indian Vernaculars.



(D) Elements of Indo-Aryan or such other branch of Philology as may be prescribed from time to time by the Board of Higher Studies in Indian Vernaculars.

Four papers shall be set on (A), two on (B), one on (C) and one on (D).

The four papers on (A) shall be distributed as follows :

*Paper I.*—His ory of the literature of the principal language taken up.

Candidates will be expected to possess a general knowledge of the entire subject as also a special knowledge of a prescribed period or movement in literature.

*Paper II.*—Old Texts and Unseens.

*Paper III.*—Mediaeval and Modern Texts and Unseens.

*Paper IV.*—(a) A prescribed period of literary or linguistic history, and (b) a selected movement, literary, scientific, social or religious.

Candidates will be required in this paper to give their answers in the form of two essays, one of which at least must be composed in the vernacular taken up as principal subject.

The two papers on (B) shall be distributed as follows :

*Paper V.*—Easy prescribed Texts and Unseens.

*Paper VI.*—Elements of Grammar, Philology and Literary History.

The paper on (C) shall include questions on easy prescribed texts and simple questions on Grammar.

The paper on (D) shall be devoted to Indo-Aryan or other prescribed branch of Philology, in so far as it elucidates the origin and development of Indian Vernaculars.

Each of the eight papers shall carry 100 marks.

The scope of the subject included in each paper shall be defined and suitable books recommended, from time to time, by the Board of Higher Studies in Indian Vernaculars.

A candidate who has taken his B.A. degree with Honours in a Language, or has taken his M.A. degree in a Language or Comparative Philology, may, subject to the conditions specified below, offer a thesis in lieu of an examination in Papers III and IV.

The conditions to be fulfilled by a candidate who is allowed to offer a thesis are as follows :

(a) He must have completed one year's study of the M.A. course in Indian Vernaculars under University Teachers.

(b) He must, at the end of the year, submit to the Board of Higher Studies in Indian Vernaculars an application for permission to offer a thesis in lieu of part of the examination.

(c) The application shall indicate the subject and scope of the thesis he wishes to offer and must be recommended by the Professor or Professors under whom he has been working.

(d) If the application be granted by the Board of Higher Studies in Indian Vernaculars, the thesis must be prepared under the general direction of the Professor or Professors with whom the candidate is prosecuting his studies.

(e) The candidate shall deliver three copies of the thesis (printed or typewritten) to the Secretary to the Council of Post-Graduate Teaching in Arts, at least one month before the first day of the M.A. Examination at which he intends to present himself.

(f) The thesis shall be examined by a Board of three Examiners and the maximum number of marks assigned to the thesis shall be 200. The Examiners may, in their discretion, subject the candidate to a *viva voce* examination on the subject of the thesis.

(g) The name of a candidate whose thesis has been approved shall be marked with an asterisk in the list of successful candidates published in the Gazette and also in the University Calendar."

In the list of Vernaculars which may be taken as principal subject will, I hope, be included not merely Bengali but also Assamese, Oriya, Hindi, Urdu, Gujarati, and Marathi.

In the list of Vernaculars which may be taken as subsidiary subject may be included Bengali, Assamese, Oriya, Hindi, Urdu, Gujarati, Marathi and Pashtu.

I have spoken only of Northern India Vernaculars, but the time may not be distant when Southern India Vernaculars like Telugu, Tamil, Malayalam and Kanarese (some at any rate of which has affected the structure and development of our own Vernacular) may seek admission into our list; and if Sinhalese puts forward a claim, refusal may be difficult if not impossible. It is finally to emphasise the paramount need for adequate arrangements for study, investigation and instruction. Indeed, the field of Indian Vernaculars is so extensive and so little of it has been properly explored, that an army of enthusiastic workers will find ample occupation for at least a generation. Lack of duly qualified teachers, even more than financial considerations, may, however, oblige us to proceed slowly and cautiously in the beginning; but there need

be no apprehension as to ultimate success, if we are able to enlist the sympathy and secure the co-operation of all the available workers in this field, some of whom at any rate are already included in the list of our Post-graduate teachers.

(3) In Chapter XI, Section 8, after (r) Hebrew and Syriac, add “(ra) Indian Vernaculars.”

In Section 6, Clause (a), after Sub-clause (iii), add “(iiia) Indian Vernaculars and Comparative Philology.”

24th August, 1918.

ASUTOSH MOOKERJEE.”

RESOLVED—

That the joint meeting recommend that the Senate be moved to adopt, subject to the sanction of the Governor General in Council, the following changes in the Regulations :

(1) In Chapter XXXIII of the Regulations for the Degree of Master of Arts, in Section 3 which contains the list of subjects for Examination, after “(rin) Latin,” insert “(viiia) Indian Vernaculars.”

(2) In the same Chapter, after the Syllabus in Latin, insert the following :

### “ Indian Vernaculars.”

Candidates shall be examined in

(A) An Indian Vernacular as principal subject, to be selected by the candidate from a list prescribed from time to time by the Board of Higher Studies in Indian Vernaculars.

(B) A second Indian Vernacular as subsidiary subject, to be selected by the candidate from a list prescribed from time to time by the Board of Higher Studies in Indian Vernaculars.

(C) Elements of two of the following languages, to be selected by the candidate with special reference to their influence on the Vernaculars chosen as principal and subsidiary subjects :

Prakrit, Pali, Persian, Pashtu.

This list may be varied from time to time by the Board of Higher Studies in Indian Vernaculars.

(D) Elements of Indo-Aryan or such other branch of Philology as may be prescribed from time to time by the Board of Higher Studies in Indian Vernaculars.

Four papers shall be set on (A), two on (B), one on (C), and one on (D).

The four papers on (A) shall be distributed as follows :

*Paper I.*—History of the Literature of the Principal Language taken up.

Candidates will be expected to possess a general knowledge of the entire subject as also a special knowledge of a prescribed period or movement in literature.

*Pape II.*—Old Texts and Unseens.

*Paper III.*—Mediæval and Modern Texts and Unseens.

*Paper IV.*—(a) A prescribed period of literary or linguistic history and (b) a selected movement, literary, scientific, social or religious.

Candidates will be required in this paper to give their answers in the form of two essays, one of which at least must be composed in the Vernacular taken up as principal subject.

The two papers on (B) shall be distributed as follows :

*Paper V.*—Easy prescribed Texts and Unseens.

*Paper VI.*—Elements of Grammar, Philology and Literary History.

The Paper on (C) shall include questions on easy prescribed texts and simple questions on Grammar.

The Paper on (D) shall be devoted to Indo-Aryan or other prescribed branch of Philology, in so far as it elucidates the origin and development of Indian Vernaculars.

Each of the eight papers shall carry 100 marks.

The scope of the subject included in each paper shall be defined and suitable books recommended, from time to time, by the Board of Higher Studies in Indian Vernaculars.

A candidate who has taken his B.A. degree with Honours in a Language, or has taken his M.A. degree in a Language or Comparative Philology, may, subject to the conditions specified below, offer a thesis, in lieu of an examination in Papers III and IV.

The conditions to be fulfilled by a candidate who is allowed to offer a thesis are as follows :

(a) He must have completed one year's study of the M.A. course in Indian Vernaculars under University Teachers.

(b) He must, at the end of the year, submit to the Board of Higher Studies in Indian Vernaculars an application for permission to offer a thesis in lieu of part of the Examination.

(c) The application shall indicate the subject and scope of the thesis he wishes to offer and must be recommended by the Professor or Professors under whom he has been working.

(d) If the application be granted by the Board of Higher Studies in Indian Vernaculars, the thesis must be prepared

under the general direction of the Professor or Professors with whom the candidate is prosecuting his studies.

(e) The candidate shall deliver three copies of the thesis (printed or type-written) to the Secretary to the Council of Post-Graduate Teaching in Arts, at least one month before the first day of the M.A. Examination at which he intends to present himself.

(f) The thesis shall be examined by a Board of three Examiners and the maximum number of marks assigned to the thesis shall be 200. The Examiners may, in their discretion, subject the candidate to a *riva voce* examination on the subject of the thesis.

(g) The name of a candidate whose thesis has been approved shall be marked with an asterisk in the list of successful candidates published in the Gazette and also in the University Calendar."

(3) In Chapter XI, Section 8, after (v) Hebrew and Syriac, add "(ra) Indian Vernaculars."

In Section 6, clause (a), after Sub-clause (iii), add "(iia) Indian Vernaculars and Comparative Philology."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Mental and Moral Philosophy, dated the 5th September, 1918.

"RESOLVED—

That the programme for tutorial work for the year 1918-19 annexed to these Proceedings be adopted."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in History, dated the 5th September, 1918.

"The Secretary reported that Mr. R. Kimura proposed to deliver a comprehensive course of lectures on Buddhism according to the following syllabus :

## STUDY OF BUDDHISM.

### INTRODUCTION.

1. Reasons for studying Buddhism.
2. The way of studying Buddhism.
3. Classification of Buddhist canons.
4. Main divisions of the History of Buddhism.

## 1. ANCIENT PERIOD.

### CHAPTER I.

*Pre-Buddhistic Indian Thought and several Indian Religions contemporary to Buddhism.*

1. The Social condition.
2. The Religious condition.
3. The condition of the Ideas.

### CHAPTER II.

*The Rise of Buddhism.*

1. Life of Buddha (a) before and (b) after his attainment of true knowledge.
2. Teachings of Buddha.
  - (a) Introduction.
  - (b) Catvāri-ārya-satyāni.
  - (c) Dvādaśa-pratitya-samutpada.
  - (d) The conception of the world.
  - (e) Classification of the world.
  - (f) The conception of Nirvana.
  - (g) The conceptions of suffering and salvation.
  - (h) The practice of religious austerities.
  - (i) The three kinds of teachings (trini siksani).
3. The foundation of the Buddhist Samgha System.

### CHAPTER III.

*Buddhism after Buddha's death.*

1. Buddhism when Buddha is dead.
2. First council at Rajgir.
3. Second council at Vaisali.

### CHAPTER IV.

*Buddhism in the Empire of Aśoka of the Maurya Dynasty.*

1. The life of King Asoka.
2. The religious works of King Aśoka.
3. The council at Patna and the sending away of missionaries.

### CHAPTER V.

*The Dismemberment of Buddhist Order.*

1. Mahāsaṅghika and Thera going against each other.
2. The breaking up of these two parties.

## CHAPTER VI.

*The doctrines of all the branches.*

1. The doctrine of Thera Vāda.
  - (a) Introduction.
  - (b) Anātman sarvavastivādin.
  - (c) Classification of the phenomena.
  - (d) Pañcha Skandha, Dvādesāyātāna and Aṣṭaśā Dhātu.
  - (e) Religious austerities and salvation.
  - (f) Conception of Buddha-kāya.
2. The doctrine of Mahāsaṃghika-vāda.
  - (a) The conception of the phenomena.
  - (b) The theory of mula-citta-visuddhi.
  - (c) The conception of salvation.
  - (d) The conception of Buddha-kāya.
3. Classification of the branches and sub-branches of the two original parties.
  - (a) Introduction.
  - (b) Mahāsaṃghika branch.
  - (c) Vatsiputriya branch.
  - (d) The Eclectic branch.
  - (e) The Sautrāntika branch.

## II. MEDIAEVAL PERIOD.

## CHAPTER VII.

*Buddhism at the time of King Kaniṣka.*

1. The general trend of Buddhism after King Aśoka.
2. The life of King Kaniṣka.
3. The Buddhist council of Kaśmīr held by Kaniṣka.

## CHAPTER VIII.

*Renaissance of Buddhism.*

1. Nāgasena and Vasumitra.
2. Aśvaghoṣa.
3. The doctrines of Aśvaghoṣa.
  - (a) Introduction.
  - (b) Essential of phenomena.
  - (c) Phenomenarise.
  - (d) Conception of salvation.
  - (e) Religious austerities.
  - (f) Conception of Buddha-kāya.

## CHAPTER IX.

*Period of development.*

1. Rise of Mahāyāna Buddhism.
2. The significance of the term Mahāyāna and Hinayāna.

3. The existence of Mahāyāna Sūtras.
4. Where these sūtras now are and how did they go there.

#### CHAPTER X.

*Buddhism at the time of Nāgārjuna and Aryadeva.*

1. The life of Nāgārjuna and his work on Buddhism.
2. Doctrines of Nāgārjuna.
  - (a) Introduction.
  - (b) Sarvva śūnyāta.
  - (c) The truths of four folds.
  - (d) The phenomenarise of phenomenon.
  - (e) Religious austerities.
  - (f) The conception of salvation.
  - (g) The conception of Buddha-kāya.
3. Life of Āryadeva.—
  - (a) His work on Buddhism.
  - (b) His doctrines on Buddhism.

#### CHAPTER XI.

*The development of Hinayāna Buddhism.*

1. Sarvāsti-vāda after Vibhāsa.
2. The development of Sautrāntika.
3. The doctrines of Harivarman.
  - (a) Relation between Harivarman and Satya-siddhiŚāstra.
  - (b) Sarva-śūnya-vāda.
  - (c) Classification of phenomena.
  - (d) Conception of salvation.
  - (e) Conception of Buddha-kāya.

#### CHAPTER XII.

*Buddhism in the reign of Gupta King.*

1. The Gupta Dynasty.
2. Condition of Buddhism at the time of Gupta Kings.
3. Ceylonese Buddhism and Buddhaghosa's commentary.

#### CHAPTER XIII.

*Buddhism at the time of Asaṅga and Vasubandhu.*

1. Life of Asaṅga and his work on Buddhism.
2. Life of Vasubandhu and his work on Buddhism.
3. The doctrines of Asaṅga and Vasubandhu.
  - (a) Introduction.
  - (b) Sarvva-vijñāna-mātra-vāda.
  - (c) The conception of phenomenarise.
  - (d) Essential of phenomena.



- (e) Classification of the phenomena.
- (f) Revelation of the world of salvation.
- (g) Religious austerities.
- (h) The conception of salvation.
- (i) The conception of Buddha-kāya.
- 4. The doctrines of the Māhāyana Śraddhotpāda Śāstra.
  - (a) Introduction.
  - (b) Sarvva-mātra-citta.
  - (c) Essential of phenomena.
  - (d) Phenomenarise.
  - (e) Revelation of the world of salvation.
  - (f) The theory of Perfuming.
  - (g) Religious austerities.
  - (h) The conception of salvation.
  - (i) Conception of Buddha-kāya.

#### CHAPTER XIV.

##### *Two divisions of Mahāyānism.*

1. The followers of Essentialism.
2. The followers of phenomenarise.

#### CHAPTER XV.

##### *Buddhism in the Nālandā Monastery.*

1. Relation between Nālandā and a branch of the Gupta Kings.
2. The life of Dignagā—his doctrines and his logic.
3. The life of Dharmapāla and his doctrines.
4. The life of Bhāva-viveka and his doctrine.
5. The life of Jñānaprabhā and his doctrines.
6. The life of Śīlābhadrā and his doctrines

#### CHAPTER XVI.

##### *Buddhism in the reign of King Śīlāditya.*

1. Śīlāditya and Buddhism.
2. Condition of Buddhism at the time of Śīlāditya.

#### CHAPTER XVII.

##### *Decline of Buddhism.*

1. Revival of Hinduism.
2. Theorized Buddhism.
3. Popularized Buddhism.
4. Rise of Mantrayāna Buddhism.
5. The life of Nāgabodhi and his doctrine.
6. The life of Vajrabodhi and his doctrine.
7. The life of Amoghavajra and his doctrine.

## III. MODERN PERIOD.

## CHAPTER XVIII.

*Buddhism at the time of Pāla Kings.*

1. The history of the Pāla Kings and their faith in Buddhism.
2. Theorized and popularized Buddhism.

## CHAPTER XIX.

*Condition of Buddhism in the Vikramaśīla.*

1. Life of Dipaṃkara-Srijñāna and the teachers of the Vikramaśīla monastery.
2. Sarvva-śūnya-vāda.
3. Sahajayāna.
4. Kalacakrayāna.
5. Vajrayāna.

## CHAPTER XX.

*Transformation and Destruction of Buddhism.*

1. Persecution of the Mahomedans.
2. Life of Ramaī Pandit.
3. The doctrine of Dharma Maṅgala.

## CHAPTER XXI.

*Living Hinayāna Buddhism in Bengal.*

1. Re-importation of hinayāna Buddhism from Burma and Arakan.

## RESOLVED—

That the scheme be generally approved and that the question of publication of the lectures be brought up after they have been delivered.

## RESOLVED also—

That Mr. R. Kimura, University Lecturer in Pali be appointed to lecture also in the Department of History with effect from the 1st November, 1918.

Professor D. R. Bhandarkar, M.A., moved that Mr. Bijay-chandra Majumdar, University Teacher, now lecturing in the Department of Comparative Philology, be appointed to lecture also in the Department of Ancient Indian History and Culture; the subject of his lectures to be "the Development of Ancient Indian History and Culture with special reference to religious evolution and race progress."

sanctioning the utilisation by the University of the savings accruing during the years 1916-17 and 1917-18 from the annual Imperial Grant on account of the Hardinge Chair of Mathematics in defraying the additional sum of Rs. 350 per mensem over and above the sanctioned pay of the Professorship involved by the appointment of Dr. Cullis.

ORDERED—

To be recorded.

Read an application from Babu Haridas Bhattacharyya, M.A., University Lecturer in Philosophy and Experimental Psychology, praying that as he has been suffering from malarial fever since July last, he may be granted leave for one month and 3 days with effect from the 1st September, 1918 and stating that the work of the students will not suffer as Dr. N. N. Sen Gupta has agreed to deliver additional lectures during his absence.

RESOLVED—

That leave on full pay be granted.

Read a letter from Pandit Babuya Misra, University Lecturer in Ancient Indian History and Culture, stating, with reference to the resolution of the Executive Committee (dated the 27th August 1918) defining his duties, that he has been assisting Mr. Ganguli in his research work on Indian Astronomy ever since his appointment as University Lecturer.

ORDERED—

To be recorded.

Read an endorsement from the Principal, Presidency College, forwarding with his recommendation an application from Babu Kalimohan Datta, praying that he may be appointed Superintendent of the Post-Graduate Students' Mess at 135, Bowbazar Street.

RESOLVED—

That Babu Kalimohan Datta be appointed Superintendent of the Mess on Rs. 30 a month.

Read an application from Syamapada Bhattacharyya, a student of the Sixth-year Mathematics Class, praying that he may be granted a free seat in some Post-Graduate students' mess on ground of indigent circumstances.

RESOLVED—

That the application be granted and the matter reported to the Students Residence Committee.

The Secretary submitted a statement of the cost of production of the Proceedings of the Councils and Executive Committees for the year 1917, to enable the Executive Committee to fix the sale price of the Volume.

**RESOLVED—**

The the Committee recommend that the price be fixed at Rs. 2 per Copy.

The Secretary requested sanction for the appointment of a Durwan for the Post- Graduate students' mess at 135, Bowbazar Street.

**RESOLVED—**

That the Secretary be authorised to appoint a Durwan for the Mess.

The Secretary enquired whether his office staff should, as in previous years, be paid for the month of October, 1918, in advance on account of the Puja Vacation which commences on the 4th October, 1918.

**RESOLVED—**

That the salary for October be paid before the commencement of the vacation.

**RESOLVED—**

That the Secretary be authorised to strike off, from the Rolls of the Post-Graduate classes, the names of students who, inspite of repeated warnings and notices, have failed to submit their Residence Forms duly filled in by them.

(Confirmed.)

ASUTOSH MOOKERJEE,      H. C. MOOKERJEE,

*President.*

*Secretary.*

# Proceedings of the Council of Post-Graduate Teaching in Arts for the year 1918-19.

## No. 4

THE 11TH SEPTEMBER, 1918.

### Present:

The Hon'ble Sir Asutosh Mukherjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President, in the Chair.*

Rai A. C. Bose, Bahadur, M.A.	Babu Nalinaksha Datta, M.A.
Babu Dhireschandra Acharyya, M.A.	Mr. J. N. Das Gupta, B.A.
Dr. Haridas Bagchi, M.A., Ph.D.	Babu Pramodranjan Dasgupta, M.Sc.
Babu Anantaprasad Banerjee, M.A.	„ Rabindramohan Datta, M.A.
„ Gauranganath Banerjee, M.A.	„ Susilkumar De, M.A.
„ Hariprasanna Banerjee, M.Sc.	„ Sasindrachandra Dhar, M.Sc.
„ Indubhushan Banerjee, M.A.	Mr. Phanindralal Ganguli, M.A.
„ Manmathanath Banerjee, M.Sc.	Babu Surendramohan Ganguli, M.Sc.
„ Muralidhar Banerjee, M.A.	„ Praphullachandra Ghose, M.A., B.Sc.
„ Narayanchandra Banerjee, M.A.	„ Satischandra Ghosh, M.A.
„ Srikumar Banerjee, M.A.	„ Rajanikanta Guha, M.A.,
„ Radhagobinda Basak, M.A.	Dr. Hiralal Haldar, M.A., Ph.D.
„ Satischandra Basu, M.A.	Mr. C. J. Hamilton, M.A.
„ Haridas Bhattacharyya, M.A.	„ J. C. Kydd, M.A.
„ Mohinimohan Bhattacharyya, M.A.	Babu Herambachandra Maitra, M.A.
„ Pasupatinath Bhattacharyya, M.A.	„ Bijaychandra Majumdar, B.A.
„ Harachandra Chakladar, M.A.	„ Narendrakumar Majumdar, M.A.
„ Niranjanprasad Chakrabarti, M.A.	Maulvi Abu Musa Ahmadul Haq.
„ Prabhachandra Chakrabarti, M.A.	„ Aga Mahomed Kazim Shirazi.
„ Satischandra Chakrabarti, M.A.	Babu Ambikacharan Mitra, M.A.
„ Kalidhan Chatterjee, M.A.	„ Khagendranath Mitra, M.A.
„ Nalinimohan Chatterjee, M.A.	„ Sailendranath Mitra, M.A.
„ Nirmalchandra Chatterjee, M.A.	Dr. Adityanath Mukerjee, M.A., Ph.D.
„ Sunitikumar Chatterjee, M.A.	Babu Bijaygopal Mukerjee, M.A.
„ Rohinimohan Chaudhuri, M.A.	Dr. Harendracoomar Mukerjee, M.A., Ph.D.

Dr. Syamadas Mukerjee, M.A., Ph.D.	Babu Sailaswar Sen, M.A.
Babu Jitendraprasad Niyogi, M.A.	„ Surendranath Sen, M.A.
Swami Purnananda.	„ Prabodhchandra Sengupta, M.A.
Babu Hemchandra Raychaudhuri, M.A.	„ Jogischandra Sinha, M.A.
„ Satischandra Ray, M.A.	Sheikh Abu Nasr Gilani.
„ Krishnabinod Saha, M.A.	Dr. I. J. S. Taraporewalla, B.A., Ph.D.
Mr. Surendramohan Sanyal, M.A., M.Sc.	Mr. Y. J. Taraporewalla, B.A.
„ Bijaykumar Sarkar, A.B.	Mahamahopadhyay Pramathanath
Pandit Sakalnarayan Sarma.	Tarkabhusan.
Vedantabhisarad N. S. Anantakrishna	Pandit Sivakumar Tarkadarsantirtha.
Sastri.	Rev. Dr. W. S. Urquhart, M.A., D.Phil.
Babu Asutosh Sastri, M.A.	Pandit Rajendranath Vidyabhushan.
Mahamahopadhyay Lakshman Sastri.	Mahamahopadhyay Dr. Satischandra
Mr. Arun Sen, B.A.	Vidyabhushan, M.A., Ph.D.
Babu Bipinbihari Sen, M.A.	

Dr. W. S. Urquhart moved that the Proceedings of the Executive Committee, dated the 9th August, 1918, be confirmed.

Mr. B. C. Majumdar seconded the motion which was put to the vote and carried.

Dr. S. C. Vidyabhushan moved that the Proceedings of the Executive Committee, dated the 27th August, 1918, be confirmed.

Dr. S. D. Mookerjee seconded the motion which was put to the vote and carried.

Dr. S. C. Vidyabhushan moved that the Proceedings of the Executive Committee, dated the 5th September, 1918, be confirmed.

Mr. J. N. Das Gupta seconded the motion.

Mr. R. K. Guha suggested that the M.A. Degree in Indian Vernaculars should be restricted to those who had taken the B.A. Degree with Sanskrit as a subject.

Pandit R. N. Vidyabhushan, Dr. S. D. Mookerjee and M. M. Dr. S. C. Vidyabhushan opposed the suggestion.

The motion was then put to the vote and carried.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

H. C. MOOKERJEE,

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR, 1918-19.

## No. 7.

The 14th September, 1918.

(In Circulation.)

Read the Report of the Board of Examiners for the M.A. Examination in Pali, 1918.

RESOLVED—

That the Report be confirmed.

Read the Report of the Board of Examiners for the M.A. Examination in Arabic. 1918.

RESOLVED—

That the Report be confirmed.

Read the Report of the Board of Examiners for the M.A. Examination in Persian, 1918.

RESOLVED—

That the Report be confirmed.

Read the Report of the Board of Examiners for the M.A. Examination in Greek 1918.

RESOLVED—

That the Report be confirmed.

Read the Report of the Board of Examiners for the M.A. Examination in Comparative Philology 1918.

RESOLVED—

That the Report be confirmed.

RESOLVED—

That the following list of successful candidates be published :—

### PALI. (GROUP A.)

#### CLASS I.

Thakur, Amareswar ... Non-Collegiate Student.

#### CLASS II.

Saha, Kshetramohan ... University Student, Calcutta.

## ARABIC.

## CLASS I.

*(In order of merit.)*

- |   |                        |     |                               |
|---|------------------------|-----|-------------------------------|
| { | Khalid, Abu Usman      | ... | University Student, Calcutta. |
| { | Suhrawardy, H. Shaheed | ... | Non-Collegiate Student.       |

## CLASS II.

*(In order of merit)*

- |   |                         |     |                               |
|---|-------------------------|-----|-------------------------------|
| { | Haidar Ali, Md.         | ... | Non-Collegiate Student.       |
| { | Sanaullah, Muhammad     | ..  | Ditto.                        |
|   | Choudhury, Fazlur Rahim | ... | University Student, Calcutta. |
|   | Hakim, Atau             | ... | Non-Collegiate Student.       |

## CLASS III.

- |                     |     |                         |
|---------------------|-----|-------------------------|
| Asad. A.M. Muhammad | ... | Non-Collegiate Student. |
|---------------------|-----|-------------------------|

## PERSIAN.

## CLASS I.

- |                      |     |                         |
|----------------------|-----|-------------------------|
| Ashai, Ghulam Ahamad | ... | Non-Collegiate Student. |
|----------------------|-----|-------------------------|

## CLASS II.

- |                |     |                               |
|----------------|-----|-------------------------------|
| Sayid, Md. Abu | ... | University Student, Calcutta. |
|----------------|-----|-------------------------------|

## GREEK.

## CLASS III.

- |                            |    |                         |
|----------------------------|----|-------------------------|
| Chattopadhyay, Nalinimohan | .. | Non-Collegiate Student. |
|----------------------------|----|-------------------------|

## COMPARATIVE PHILOLOGY.

## CLASS II.

- |                             |                          |  |
|-----------------------------|--------------------------|--|
| Bandyopadhyay, Pramathanath | —Non-Collegiate Student. |  |
|-----------------------------|--------------------------|--|

## RESOLVED FURTHER—

That as recommended by the Board of Examiners the undermentioned candidates, who have been placed in the First Class, be declared eligible for Government Scholarships tenable in England :—

Thakur, Amareswar.  
 Khalid, Abu Usman.  
 Suhrawardy, H. Shaheed.  
 Ashai, Ghulam Ahmad.

(Confirmed.)

ASUTOSH MOOKERJEE,	H. C. MOOKERJEE,
--------------------	------------------

President.

Secretary.



# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1918-19.

## No. 8.

THE 27TH SEPTEMBER, 1918.

### Present :

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L.,  
D.Sc, Ph.D.—*President in the Chair.*

Rai A. C. Bose, Bahadur, M.A.

Professor H. Stephen, M.A., D.D.

Mr. T. S. Sterling, M.A.

Mahamahopadhyay Dr. Satishchandra  
Vidyabhusan, M.A., Ph.D.

Dr. I. J. S. Taraporewala, B.A., Ph.D.

Mr. S. Khalil Ahmed, M.A.

Professor Brajendranath Seal, M.A.,  
Ph.D.

Professor D. R. Bhandarkar, M.A.

Mr. Bipinbihari Sen, M.A., B.L.

Mr. J. C. Coyajee, B.A., LL.B.

Dr. Syamadas Mukerjee, M.A., Ph.D.

Read the following Proceedings of the Board of Higher Studies in English, dated the 19th September, 1918.

### “RESOLVED—

That the programme of tutorial work for the 5th-year Class for the year 1918-19 annexed to these Proceedings be approved.”

### RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Political Economy and Political Philosophy, dated the 19th September, 1918.

### “RESOLVED—

That the programme of tutorial work (5th and 6th-year Classes) for the year 1918-19 annexed to these Proceedings be approved.”

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Pure Mathematics, dated the 19th September, 1918.

**“RESOLVED—**

That the programme of tutorial work (5th and 6th-year Classes) for the year 1918-19 annexed to these Proceedings be approved.”

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Sanskrit, dated the 27th September, 1918.

“The President stated that the Syndicate had accepted an endowment created by the Assam Students’ Conference for the award of a gold medal every alternate year, to be called “the Anandaram Baruya Gold Medal” on the following conditions :

“(1) That a gold medal to be called the “Anandaram Baruya Medal” be instituted in memory of the late Mr. Anandaram Baruya, B.A., I.C.S., who was a brilliant Graduate of this University from Assam and subsequently enhanced its reputation by his original contributions in various departments of Sanskrit Learning

(2) That the medal be open for competition amongst all persons who have at any time been admitted to a Degree in this University and be awarded every alternate year.

(3) That the medal be adjudged to the author of the best thesis or record of original work on a prescribed subject relating to Sanskrit Learning.

(4) That the subject be selected not less than two years in advance by the Board of Higher Studies in Sanskrit. The name of the subject selected to be notified in the Gazette and published in the University Calendar for general information

(5) That each candidate for the medal be required to submit not later than the 30th June in the year in which the medal is to be awarded three typewritten or printed copies of his thesis or record of work to the Secretary to the Council of Post-Graduate Teaching in Arts under a distinguishing motto. The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside.

(6) That every candidate be required to indicate generally in a preface to his thesis and specially in notes the sources from which his information is taken, the extent to which he had availed himself of the work of others and the portions of the thesis which he claims as original; and that he be also required to state whether his research has been conducted independently, under advice or in collaboration with others and in what respect his investigations appear to him to tend to the advancement of knowledge.

(7) That a Board of Honorary Examiners consisting of three experts shall be appointed by the Council of Post-Graduate Teaching in Arts on the recommendation of the Board of Higher Studies in Sanskrit to adjudicate upon the merits of theses or records of original work submitted by the

candidates. The award of the Board of Examiners shall be subject to the eventful confirmation of the Council and the thesis of the successful candidates shall be published by the University.

(8) That the name of each medalist and the subject of his thesis shall be published in the Gazette and shall also be printed in the University Calendar.

(9) That if in any year no thesis is received or the theses submitted are pronounced by the Board of Examiners not to be of sufficient merit to deserve the medal, a second medal or a medal in a second subject may be awarded in a subsequent year as the Council may on the report of the Board of Higher Studies in Sanskrit direct."

RESOLVED—

That the subject for "the Anandaram Baruya Gold Medal" for 1920 be as follows :

Bhasa—His date, the works attributed to him and the society depicted in his writing.

RESOLVED—

That the programme of tutorial work (5th and 6th-year classes) for the year 1918-19 as annexed to these Proceedings be approved."

RESOLVED—

That the Proceedings be confirmed.

Read a letter from the Registrar, forwarding, for the consideration of the Council, an extract from the Proceedings of the Library Executive Committee, dated the 9th August, 1918, regarding purchase of certain books and magazines as recommended by the Library General Committee.

Read another letter from the Registrar, forwarding, for the consideration of the Council, an extract from the Proceedings of the Library General Committee, dated the 19th May, 1918, regarding purchase of (1) "The Twentieth Century English-Marathi Dictionary" edited by Mr. N. B. Ranade, (2) "The Journal of the Society of Oriental Research" and (3) certain other books as recommended by the University Professors.

RESOLVED—

That separate lists be drawn up of the books recommended for purchase and be placed before the Boards of Higher Studies concerned.

The Secretary reported that Mr. S. N. Bhadra, M.A., Professor, Dacca College and Member of the Board of Higher Studies in English had been specially invited to attend the meeting of the Council, dated the 11th September, 1918, and

requested sanction of payment of the actual travelling expenses incurred by him for his journey from Dacca to Calcutta and back.

**RESOLVED—**

That the payment be made.

Read a letter from Dr. P. D. Shastri, M.A., Ph.D., Professor, Presidency College and University Lecturer in Philosophy, stating that as he had to leave for Lahore on the 13th September, 1918, he would not be able to resume his lectures before the 1st October, 1918.

**RESOLVED—**

That leave be granted.

Read a letter from Rai B. A. Gupte, Bahadur, F. Z. S., University Lecturer in History, requesting that a set of Anthropometric Instruments may be purchased for use in the Department of Post-Graduate Teaching in Arts.

**RESOLVED—**

That steps be taken to procure the instruments.

Read a joint application from Post-Graduate Teachers requesting that their salaries for the month of October may be paid before the classes close for the Puja Vacation as had been done on previous occasions.

**RESOLVED—**

That the application be granted and that the order be applied to the case of the Secretary.

Read a memo. from the Controller of Examinations, forwarding an extract from a letter addressed to him by Professor Kuppuswami Sastri, Professor, Presidency College, Madras and one of the External Examiners in Sanskrit for the M.A. Examination, 1918, suggesting that the Calcutta University may insist upon Devanagari script being employed in writing Sanskrit in answer papers.

**RESOLVED—**

That in view of the decision of the Syndicate on the subject, the matter be not reopened (Minutes for the year 1891-92, page 143, para. 165 ; page 221, para. 252).

Read a memo. from the Registrar, forwarding an application from Babu Surendranath Gupta, who passed the M.A. Examination in Philosophy in 1918 with Ethics and Theology as

his special subjects, requesting permission to appear in Logic and Psychology only at the M.A. Examination, 1919, as a non-collegiate student.

**RESOLVED—**

That recommendation be made to the Syndicate that the applicant should be permitted to appear in Logic and Psychology only at the M.A. Examination, 1919, as a non-collegiate student.

Read a letter from Mahamahopadhyay Dr. Satischandra Vidyabhushan forwarding an estimate of the cost of printing 500 copies of his book on "History of Indian Logic" by the Baptist Mission Press (sanctioned by the Executive Committee, on the 29th June, 1918).

**RESOLVED—**

That arrangement be made with the Baptist Mission Press for printing the work on the terms set out in the estimate.

Read an application from Hirendralal Gupta, a student of the 5th-year Class in Pali (Group D), who has been awarded a free-studentship for the current session and who, according to the rules prescribed by the Executive Committee, has to give up studying Law, praying that as he is already in the Intermediate Law class and will finish the course in one year he may be allowed to enjoy the free-studentship as a special case.

**RESOLVED—**

That the application be granted as a special case.

Read an application from Pramathanath Ghose, a student of the 6th-year Class in Pure Mathematics, praying for remission of fees for the months of March to June, 1918 on the ground of straitened circumstances (application recommended by Rai Bahadur A. C. Bose).

**RESOLVED—**

That the application be granted.

The Secretary submitted a bill for Rs. 135-2 from Messrs. Chandhury, Burdhan & Co., for supplying furniture, (sanctioned by the Executive Committee, dated the 10th July 1918.)

**ORDERED—**

That the bill be paid.

The Secretary submitted a bill for Rs. 352 from the Agents, Roneo Ltd. for supplying one Roneo Duplicator for his office (sanctioned by the Executive Committee, dated the 23rd July, 1918.)

**ORDERED—**

That the bill be paid.

The Secretary submitted two bills for Rs. 265 and Rs. 33-10 respectively from Messrs. Kanti Chander Ghosh & Co. for supplying furniture for the Secretary's Room and Professors' Waiting Room (sanctioned by the Executive Committee; dated the 10th July, 1918.)

**ORDERED—**

That the bills be paid.

Read a letter from the Accountant General, Bengal, requesting that the amount of Rs. 35,400 being the honoraria of 30 Professors of the Presidency College for their co-operation in the scheme of Post-Graduate Teaching for the current session may be paid by the University to the Bank of Bengal.

**RESOLVED—**

That the difference between the sum payable as honoraria to the Professors of the Presidency College for the session 1917-18 and the sum payable by the students attached to the Presidency College be remitted to the Accountant General, Bengal, together with an explanatory letter.

Read a memo. from the Registrar forwarding a copy of Education Department Notification with endorsement No. <sup>3084p</sup><sub>2849p-18</sub>, dated the 14th September, 1918 from the Assistant Director of Public Instruction, Bengal, stating that the Post-Graduate Research Scholarship of Rs. 100 held by Babu Subimal-chandra Datta, M.A., for his research on "Indian History, Maurya Empire" is extended for a period of one year with effect from the 1st July, 1918, and requesting that the candidate may be placed under a Professor who can guide him in his research work.

**RESOLVED—**

That the scholar be placed under Professor Bhandarkar.

Read a letter from the Honorary Secretary, Asiatic Society of Bengal, informing that, at the request of the President of the Post-Graduate Council, the Manuscript Catalogue of Tanguyr and Kanguyr, prepared by the Society's late Lama, has been, with the approval of his Council, forwarded to Dr. Satishchandra Vidyabhushan for his use in connection with the preparation of a synopsis of the contents of the great Tibetan Encyclopaedias.

**RESOLVED—**

That the thanks of the Council be conveyed to the Society.

Read a letter from Babu Panchanandas Mookerjee, M.A., Professor, Presidency College and University Lecturer in Economics, complaining against constant noise made by disengaged students on the corridors which seriously interferes with lecture-work of the Professors.

**RESOLVED—**

That cases of indiscipline be reported by the Secretary to the President for such disciplinary action as he thinks suitable.

The Secretary reported that the students often lose their credit Memo. books supplied to them free by the Department and requested sanction of levying a fee of Re. 1 for a new book, as is done by the University Library for issuing a fresh card.

**RESOLVED—**

That the suggestion be accepted.

Read an application from Diwanchandra Sharma, a student of the 5th-year Class in English, inquiring whether the privilege of submitting a thesis in lieu of part of the Examination may not be extended to the Graduates of other Universities.

**RESOLVED—**

That if a graduate with Honours of a recognised University fulfils the other conditions mentioned in the Regulations, he may be allowed to submit a thesis in the same way as a graduate of this University.

Read a letter from Babu Khagendranath Mitra, M.A., Professor, Presidency College and University Lecturer in Philosophy, who is laid up with an attack of influenza requesting that leave for two weeks may be granted to him with effect from the 24th September, 1918.

**RESOLVED—**

That the application be granted.

The Secretary submitted a bill for Rs. 69-2 from Messrs. Chaudhury Bardhan & Co. for supplying furniture for the Secretary's Room.

**ORDERED—**

That the bill be paid.

The Secretary submitted a bill for Rs 27-13-6 from Messrs. Banzai & Co. for supplying some Japanese books for the Library of the Post-Graduate Department.

**ORDERED—**

That the bill be paid.

Read an application from some students that the classes might be suspended on the 3rd October to enable them to sit for the Scholarship Examination in the University Law College.

**RESOLVED—**

That the application be refused.

The President stated that the lectures delivered by Capt. J. W. Petavel had attracted considerable attention and that the undermentioned gentlemen had sent him contributions with a view to facilitate (a) the delivery and publication of further courses of lectures on the subject of reconstruction during and after the War, and (b) the award of prizes to students who might regularly attend the classes and acquit themselves satisfactorily in a test to be held on the conclusion of the lectures :

<i>Names.</i>	<i>Amounts.</i>
	Rs.
Sir Dorab Tata ... ..	500
Mr. Khez Za Rhee ... ..	250
Mr. A. Cameron ... ..	100
Sir A. Birkmyre ... ..	50
Mr. C. D. Pickford... ..	50
Sir Daniel Hamilton ... ..	25
Dr. D. N. Maitra ... ..	25

Rs. 1,000

**RESOLVED—**

(1) That the Secretary be requested to convey to the donors the thanks of the Council.

(2) That the sums received be constituted into a Fund to be called "The Poverty Problem Study Fund."

(3) That Capt. J. W. Petavel, R.E. (retired) be appointed to deliver a course of lectures on reconstruction (the course to consist of not less than 20 lectures) and that he be paid an honorarium of Rs. 300 out of the Fund.

(4) That an examination be held at the conclusion of the lectures (open only to under-graduates and graduates who had attended the classes regularly) and that the following Prizes be awarded to those who acquit themselves satisfactorily :

	Rs.
First Prize ... ..	100
Second Prize ... ..	75
Third, Fourth Fifth and Sixth Prizes ...	50 each.



Read the Report of the Board of Examiners for the M.A. Examination in Sanskrit, 1918.

RESOLVED—

That the Report be confirmed.

Read the Report of the Board of Examiners for the M.A. Examination in English, 1918.

RESOLVED—

That the Report be confirmed.

Read the Report of the Board of Examiners for the M.A. Examination in History, 1918.

RESOLVED—

That the Report be confirmed.

Read the Report of the Board of Examiners for the M.A. Examination in Mental and Moral Philosophy, 1918.

RESOLVED—

That the Report be confirmed.

Read the Report of the Board of Examiners for the M.A. Examination in Political Economy and Political Philosophy, 1918.

RESOLVED—

That the Report be confirmed.

Read the Report of the Board of Examiners for the M.A. and M.Sc. Examinations in Pure Mathematics, 1918.

RESOLVED—

That the Report be confirmed.

Read the Report of the Board of Examiners for the M.A. and M.Sc. Examinations in Experimental Psychology, 1918.

RESOLVED—

That the Report be confirmed.

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## RESOLVED—

That the following list of successful candidates be published :—

## M.A. EXAMINATION, 1918

*English—Group A*

## Class I

Ray, Suhaschandra

## Class II

*(In order of merit.)*

Mukhopadhyay, Mihirkumar  
 Lahiri, Hridayranjan  
 Mukhopadhyay, Mohinimohan  
 Biswas, Jogeschandra  
 Bose, Stella  
 Ghoshal, Santoshkumar ✓  
 { Mahanti, Brajanand  
 { Mukhopadhyay, Tarapada  
 { Kakati, Banikanta  
 { Pramanik, Baradprasad  
 { Mallik, Dulalchandra  
 { Mukhopadhyay, Nanibhushan  
 { Mukhopadhyay, Sudhirkopal  
 { Mukhoyadhyay, Harimohan  
 { Das, Tarapada  
 { Das, Samuel  
 { Panday, Ramchandra Sahay  
 { Raychaudhuri, Satindranath  
 { Das, Annadakumar  
 { Ghoshal, Bibhutibhushan  
 { Sen, Hirendrachandra  
 { Chaudhuri, Sanjibkumar  
 { Chakrabarti, Rajkumar  
 { Chattopadhyay, Adyanath  
 { Mukhopadhyay, Dhirendrakrishna  
 { Sengupta, Sudhansukumar  
 { Sayidur Rahman  
 { Chakrabarti, Surendranath  
 { Bhattacharyya, Lalitmohan  
 { Mitra, Asuranjan  
 { Mahapatra, Banchnidhi  
 { Dattagupta, Amulaykumar  
 { Mukhoti, Atulchandra  
 { Ray, Nikunjabihari  
 { Saha, Jatindramohan

## Class III.

*(In order of merit.)*

Chakrabarti, Kshitichandra  
 Ray, Bhupeschandra  
 Datta, Bijaybhushan

Mitra, Dayamaya  
 Rana, Amritlal  
 Chattopadhyay, Srischandra  
 Sandilya, Kalipada  
 K. Devanadhen  
 { Das, Satyondrakumar  
 { Raychaudhuri, Sudhirkumar  
 { Chakrabarti, Manmathanath  
 { Ghosh, Gobindasaran  
 { Chattopadhyay, Kshetramohan  
 { Ghoshchaudhuri, Nirmalchandra  
 { Sen, Krishnagobinda  
 { Mallik, Sachchidananda  
 { Taraphdar, Sasibhushan  
 { Bhaduri, Sudhircandra  
 { Das, Sachindranath  
 { Sinharay, Bijayprasad  
 { Chattopadhyay, Karunasindhu  
 { Das, Aawinikumar  
 { Rao, Y. V. Ramana  
 { Das, Jitendranath  
 { Ghosh, Jagadisanjan  
 { Ghosh, Manindranath  
 { Bandyopadhyay, Susilkumar  
 { Sinha, Satischandra  
 { Rao, T. R. Raghunatha  
 { Mukhopadhyay, Satyendramohan  
 { Sengupta, Upendranath  
 { Dasgupta, Nagendramohan  
 { Majumdar, Harbilas  
 { Niyogi, Jatindranarayan  
 { Sanyal, Ramaprasanna  
 { Mukhopadhyay, Bilaschandra  
 { Sen, Surendralal  
 { Rath, Ramakrishna  
 { Sen, Pankajkumar  
 { Gupta, Harendranath  
 { Chattopadhyay, Bholanath  
 { Das, Dhirendrakumar  
 { Bhattacharyya, Brajendrakumar  
 { Datta, Ganeschandra  
 { Basu, Bhabanikinkar  
 { Ray, Prabhavati  
 { Ray, Purnachandra  
 { Sarkar, Sailendranath  
 { Ghosh, Kshitibhushan  
 { Gupta, Jogeschandra  
 { Mitra, Chunilal  
 { Raychaudhuri, Kirtichandra  
 { Chakrabarti, Bhabaniprasad  
 { Datta, Taradas  
 { Pande, Haripada  
 { Chaudhuri, Sarindramohan  
 { Ghosh, Nareschandra  
 { Pattanayak, Padmacharan



## Class II.

*(In order of merit.)*

- Das, Bipracharan  
 Bandopadhyay, Ramgopal  
 Chattopadhyay, Harihar  
 Gupta, Upendrakumar  
 Chattopadhyay, Pulinbehari  
 Chattopadhyay, Bankinchandra  
 { Kanungo, Kalikaranjan  
 { Muhammad Abdul Bashar  
 Pal, Jnananjan  
 Sinha, Sasankabhushan  
 Ray, Bankimchandra  
 { Biswas, Satyendraprasad  
 { De, Jitendramohan  
 { Bandyopadhyay, Sudhansumohan  
 { Sengupta, Birendranath  
 Mukhopadhyay, Dhurjatiprasad  
 Basu, Satischandra  
 Bandyopadhyay, Satischandra  
 Datta, Gangesnath  
 { Bhattacharyya, Satischandra  
 { Chakrabarti, Kalipada  
 { Chattopadhyay, Amulyadhan  
 { Ghosh, Hemendranath  
 Majumdar, Dhirendranath

## Class III.

*(In order of merit)*

- Dasgupta, Sasankamohan  
 Gupta, Nirmalchandra  
 Mitra, Narendrakumar  
 Bhaduri, Saurindrakumar  
 Deb, Satyendranath  
 Ray, Satyananda  
 Bandyopadhyay, Binaylal  
 { Das, Jagannath  
 { Ghosh, Tarapada  
 Dasgupta, Umeshchandra  
 { Chakrabarti, Mohinimohan  
 { Dasgupta, Tamaschandra  
 Mukhopadhyay, Kishorilal  
 De, Sudhansuranjan  
 Sen, Satischandra  
 Raychaudhuri, Triguneswar  
 Bas, Ramchandra  
 Datta, Dhirendranath  
 Bagchi, Aswinikumar  
 Ghosh, Nareschandra  
 Lahiri, Sisirchandra  
 Datta, Rameschandra  
 { Chakrabarti, Gobordhan  
 { Chaudhuri, Bhaheschandra  
 { Nandi, Jogendranath  
 { Ghosh, Phanindranath  
 { Sarkar, Chintaharan  
 Das, Jogendralal  
 Gupta, Manindrakumar

Ray, Subodhchandra  
 Chattopadhyay, Baladeb  
 Datta, Nagendranath  
 Mobarak Ali.

- { Chattopadhyay, Kumarishchandra  
 { Ghosh, Satiranjan  
 { Lahiri, Sukumar  
 Dasgupta, Hirankumar

MENTAL AND MORAL  
 PHILOSOPHY.

## Class I.

Das, Sarojkumar

## Class II.

*(In order of merit)*

- Kajemuddin, Ahmmad ✓  
 Mukhopadhyay, Asutosh ✓  
 Sen, Atulchandra  
 Basu, Praphullakanta  
 Kundu, Sibatosh  
 Sarkar, Panchanan  
 Raychaudhuri, Bibhutibhushan  
 Ghosh, Kaminikumar  
 Mitra, Nareschandra  
 { Ghosh, Gaganchandra  
 { Ray, Binaychuran  
 Raychaudhuri, Sadhanchandra  
 Chandra, Purnachandra  
 { Majumdar, Indulbhushan  
 { Som, Debendranath  
 Chakrabarti, Birendranath  
 Bandyopadhyay, Dindyal  
 { Datta, Nagendrakumar  
 { Rao, P. Lakshman  
 Guhathakurta, Kiunchandra  
 Sarkar, Jitendranath  
 Daspurkayastha, Nripeschandra  
 Sengupta, Surendranath

## Class III.

*(In order of merit.)*

- Goswami, Srischandra  
 Gupta, Hemantakumar  
 { Gangopadhyay, Kedareswar  
 { Ray, Kshirodral  
 { Siddhanta, Amalkumar  
 { Basu, Hemkumar  
 { Ray, Anilchandra  
 { Dasgupta, Lalitkumar  
 { De, Kumudbandhu  
 { Mukhopadhyay, Arunnarayan  
 { Maitra, Lakshmikanta  
 Sengupta, Jogeschandra  
 Mitra, Kedarnath  
 { Das, Nibaranchandra  
 { Mukhopadhyay, Bhudeb  
 Jaynul, Abedin

**Bandyopadhyay, Pramilasundar**  
**Datta, Phanibhushan**  
 { **Guha, Chiranjib**  
**Kanungo, Brajendralal**  
**Majumdar, Nripendranath**  
**Ghosh, Bimalacharan**  
**Raychaudhuri, Mukundalal**  
 { **G. Suryaprakasam**  
**Gupta, Jitendranath**  
**Sengupta, Sureschandra**  
**Mandal, Kumarischandra**  
**Mukhopadhyay, Jogeschandra**  
**Basuchaudhuri, Harisadhan**  
**Ray, Radhagobinda**  
**Chakrabarti, Debendranath**  
 { **Raychaudhuri, Krishnabihari**  
**Sen, Saurindramohan**  
**Biswas, Jitendranath**  
**Sengupta, Nripaticharan**  
**Ghoshmaulik, Bibhutipbushan**  
 { **Biswas, Dhanapati**  
**Sanyal, Tarapada**  
**Shyam, Narayan**

## EXPERIMENTAL PSYCHOLOGY

### Class I.

**Maiti, Haripada**

### Class II.

(*In order of merit*)

**B. su, Saurendranath**  
**Chanda, Bhaktikata**  
**Halder, Ranginchandra**

### Class III.

(*In order of merit.*)

**Mukhopadhyay, Sudhendusekhar**  
**Sen, Nareshchandra**

## ECONOMICS

### Group A.

### Class I.

(*In order of merit*)

**Datta, Birendrachandra**  
**Maitra, Sudarsanchandra** ✓  
**Ghosh, Rameschandra** ✓

### Class II.

(*In order of merit*)

**Sen, Sisirkumar**  
**Bhattacharjya, Debendrachandra**  
 { **Mitra, Satkari**  
**Dasgupta, Bimalananda**

**Bhatika, Gangaprasad**  
**Ghosh, Satyendranath**  
**Acharyya, Bijaychandra**  
**Gangopadhyay, Paresnath**  
**Chaudhuri, Surendramohan**  
**Datta, Anathbhandhu**  
**Ray, Brajagopal**

### Class III.

(*In order of merit*)

**Ray, Kumarischandra**  
**Lahiri, Atulchandra**  
**C. V. Narayana Rao**  
**Borah, Ambikanath**  
 { **Nandi, Pareschandra**  
**Muhammad Samed Ali**  
**Majumdar, Bijaychandra**  
**Bhattacharyya, Jitendranath**  
**Chakrabarti, Atulchandra**  
**Das, Srischandra**  
**Nandi, Nanilal**  
**Goswami, Nripendranath**  
**Alfred Singh**  
 { **Basu, Sachindrakumar**  
**Gangopadhyay, Kumudmohan**

### Group B.

### Class I.

**Ghosh, Mohitkumar**

### Class II.

(*In order of merit*)

**Sen, Ajitananda**  
**Datta, Girindrachandra**  
**Bandyopadhyay, Rampada**  
**Datta, Sukhamay**  
**Suhaya, Rajbans**  
**Ganri Ram**  
**Palit, Pareschandra**  
**Mukhopadhyay, Sarojkumar**  
**Prodhan, Hariprosad**

### Class III.

(*In order of merit*)

**Ghosh, Binaykumar**  
**Majumdar, Chunilal**  
**Ghosh, Charu K.**  
**Basu, Amalyanath**  
**Bandyopadhyay, Prabodhkrishna**  
**P. Venkata Chary**  
**Basu, Tarakdas**  
**Ray, Kamakhyakanta**  
**Chatopadhyay, Chamelikumar**  
**Dineschandra**  
**Mandal, Probodhchandra**

## M.Sc. EXAMINATION.

## PURE MATHEMATICS.

## Class I.

*(In order of merit.)*

- Sen, Dhirendranath  
 { Chakrabarti, Prabodhchandra ✓  
 { Nandi, Bijaybasanta ✓  
 Gangopadhyay, Umadhava  
 T. Saravana Muthu  
 Sengupta, Jamnikumar  
 Chakrabarti, Praphullachandra  
 Ray, Anilchandra ✓  
 Mukhopadhyay, Dhireschandra  
 Ray, Manomchan  
 Das, Bipinbihari  
 Mukhopadhyay, Asutosh  
 { Chattopadhyay, Nrisinha rasad  
 { Chakrabarti, Abalabandhu  
 Mukhopadhyay, Siddheswar  
 Ghosh, Indubhushan  
 Basu, Narendranath  
 { Gupta, Bijavari  
 { Kundu, Prabhachandra  
 { Chattopadhyay, Kalicharan  
 { Datta, Parasuram  
 { Jashu, Hemchandra

## Class II.

*(In order of merit.)*

- Halder, Nityakali  
 Pal, Abhaschandra  
 Mukhopadhyay, Abibhusan  
 { Basu, Kshitishchandra  
 { Basumallik, Ananthnath  
 Mallik, Phanibhushan  
 Datta, Basantakumar  
 { Bandyopadhyay, Nagendranath  
 { Kanhjee Sahai  
 Chaudhuri, Girindranath  
 Chakrabarti, Mahimchandra  
 Mukhopadhyay, Basantakumar  
 { Chattopadhyay, Harendranath  
 { Mallik, Jatindranath  
 Sengupta, Sabinay

## Class III

*(In order of merit.)*

- Gangopadhyay, Satyendranath

- Lahiri, Subodhchandra  
 Sarkar, Lalitmohan  
 Bandyopadhyay, Dineshchandra  
 Basu, Dulalchandra  
 Bandyopadhyay, Satyendramohan  
 Ghosh, Narendranath I

## M.A. EXAMINATION.

## PURE MATHEMATICS.

## Class I.

*(In order of merit.)*

- { Basu, Khageschandra  
 { Chakrabarti, Jamininimohan  
 Pattanyak, Bisweswar  
 Majumdar, Krishnahari  
 { De, Jatindracharan  
 { De, Surendrakumar  
 { Datta, Srischandra  
 { Dhua, Pramathanath  
 { Kar, Gajendranath  
 { Ray, Satyakinkar  
 { Gangopadhyay, Harendranath  
 { Ray, Dasmani  
 Basu, Sukhendrachandra  
 Saha, Loknath  
 Lutfar Rahman Tarafdar ✓  
 Chaudhuri, Nalinaksha  
 { Sen, Kshirodeswar  
 { Sil, Tarakdas  
 Bhattacharyya, Charuchandra  
 Rameswar Prasad  
 Chaudhuri, Bibhutibhushan  
 Sadhukhan, Gokulchandra  
 { Kader Baksh  
 { Mir Abdul Ghufur  
 Mukhopadhyay, Bholanath

## Class II.

*(In order of merit.)*

- Chaudhuri, Taraknath  
 Bhattacharyya, Sahayram  
 Mukhopadhyay, Raimohan  
 Ghosh, Aswinikumar  
 Sen, Atulkrishna  
 Datta, Debiprasad

## Class III.

- Barui, Goshtabihari

## M.A. and M.Sc. Examination, 1918.

SUBJECT.	Number registered	Number absent.	1st class.	2nd class.	3rd class.	No. failed.
English, Group A. ...	204	37	1	35	98	93
" Group B. ...	13	2	1	2	6	2
Sanskrit, Group A. ...	12	3	1	1	4	3
" Group B. ...	3	0	2	1	0	0
" Group D. ...	1	0	0	0	1	0
" Group E. ...	1	0	0	1	0	0
" Group G. ...	1	0	0	1	9	0
" Group I. ...	5	0	0	4	1	0
Pali Group A. ...	2	0	1	1	0	0
" Group C. ...	1	1	0	0	0	0
Arabic ...	8	1	0	0	0	0
Persian ...	2	1	2	4	1	0
Greek ...	1	0	1	1	0	0
Comparative Philology ...	1	0	0	0	1	0
History ...	118	17	2	24	35	39
Philosophy ...	119	18	1	23	39	38
Political Economy (A) ...	53	7	3	11	15	17
Ditto (B) ...	35	3	1	9	11	11
Pure Mathematics ...	54	7	25	6	1	15
M. Sc. Pure Mathematics ...	92	10	22	15	7	38
Experimental Psychology ...	6	0	1	3	2	0

(Confirmed)

ASUTOSH MOOKERJEE,  
President.

H. C. MOOKERJEE,  
Secretary.

# Proceedings of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1918-19.

No. 5.

*The 2nd October, 1918.*

PRESENT :

The Hon'ble Sir Asutosh Mookerjee, Kt. C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President in the Chair.*

- |   |                                      |
|---|--------------------------------------|
| Sir Gooroo Dass Banerjee, Kt., M.A.,<br>D.L., Ph.D. | Babu Satischandra Chatterjee, M.A.   |
| Rai A. C. Bose, Bahadur, M.A.                       | „ Sunitikumar Chatterjee, M.A.       |
| Babu Dhireschandra Acharyya, M.A.                   | „ Rohinimohan Chaudhuri, M.A.        |
| Dr. Haridas Bagchi, M.A., Ph.D.                     | „ Nalinaskha Datta, M.A.             |
| Babu Anantaprasad Banerjee, M.A.                    | Mr J. N. Das Gupta, B.A.             |
| „ Gauranganath Banerjee, M.A.                       | Babu Pramodranjan Dasgupta, M.Sc.    |
| „ Hariprasanna Banerjee, M.Sc.                      | „ Rabindramohan Datta, M.A.          |
| „ Indubhushan Banerjee, M.A.                        | „ Sushilkumar De, M.A.               |
| „ Manmathanath Banerjee, M.Sc.                      | „ Sasindrachandra Dhar, M.Sc.        |
| „ Muralidhar Banerjee, M.A.                         | Mr. Surendramohan Ganguli, M.Sc.     |
| „ Narayanchandra Banerjee, M.A.                     | Babu Praphullachandra Ghosh, M.A.    |
| „ Pramathanath Banerjee, M.A.                       | „ Satischandra Ghosh, M.A.           |
| „ Srikumar Banerjee, M.A.                           | „ Rajanikanta, Guha, M.A.            |
| Dr. Benimadhab Barua, M.A., D.Litt.                 | Dr. Ramdas Khan, M.A., Ph.D.         |
| Babu Radhagobinda Basak, M.A.                       | Mr. J. C. Kydd, M.A.                 |
| „ Kokileswar Bhattacharyya, M.A.                    | Rajaguru Bhagavanchandra Mahastavir. |
| „ Pasupatinath Bhattacharyya,<br>M.A.               | Babu Susilkumar Maitra, M.A.         |
| „ Grindrasekhar Bose, M.Sc., M.B.                   | „ Narendrakumar Majumdar,<br>M.A.    |
| „ Haranchandra Chakladar, M.A.                      | „ Rameschandra Majumdar, M.A.        |
| „ Niranjanprasad Chakrabarti,<br>M.A.               | „ Surendranath Majumdar, M.A.        |
| „ Prabhatchandra Chakrabarti,<br>M.A.               | Maulvi Abu Musa Ahmadul Haq.         |
| „ Kalidhan Chatterjee, M.A.                         | „ Aga Mahomed Kazim Shirazi.         |
| „ Nalinimohan Chatterjee, M.A.                      | Pandit Babuya Misra.                 |
| „ Nirmalchandra Chatterjee, M.A.                    | Babu Ambikacharan Mitra, M.A.        |
|   | Mr. Khagendranath Mitra, B.A.        |
|   | Babu Sailendranath Mitra, M.A.       |



Dr. Harendracoomar Mookerjee, M.A., Ph.D.	Swami Rambukwelle Siddharta, Sastra- visarad Vinayacharyya,
Dr. Syamadas Mookerjee, M.A., Ph.D.	Babu Jogischandra Sinha, M.A.
Babu Jitendraprasad Niyogi, M.A.	Sheikh Abu Nasr Gilani.
Swami Punnananda.	Shams-ul-ulama Vilayet Hossain.
Babu Hemchandra Raychaudhuri, M.A.	Dr. H. Stephen, M.A., D.D.
Mr. S. Khuda Buksh, M.A., B.C.L.	The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D.
„ Surendramohan Sanyal, M.A., M.Sc.	Dr. I. Jenhangir S. Taraporewalla, B.A., Ph.D.
„ Bejoykumar Sarkar, A.B	Mr. Y. J. Taraporewalla, B.A.
Pandit Sitaram Sastri.	Mahamahopadhyay Pramathanath Tarkabhushan.
Babu Bipinbihari Sen, M.A.	Pandit Sivakumar Tarkadarsantirtha.
„ Saileswar Sen, M.A.	Pandit Rajendranath Vidyabhushan.
„ Surendrnath Sen, M.A.	Mahamahopadhyay Dr. Satischandra Vidyabhushan M.A., Ph.D.
Dr. Narendranath Sengupta, M.A., Ph.D.	Babu Panchanan Sinha, M.A.

Dr. Stephen moved that the Proceedings of the Executive Committee, dated the 14th September, 1918, be confirmed.

Dr. S. C. Vidyabhushan seconded the motion which was put to the vote and carried.

Dr. S. C. Vidyabhushan moved that the Proceedings of the Executive Committee, Dated the 27th September, 1918, be confirmed.

Dr. Suhrawardy seconded the motion which was put to the vote and carried.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

H. C. MOOKERJEE,

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1918-19

No. 9.

THE 18TH NOVEMBER, 1918.

(*In Circulation.*).

Read the following letter addressed to the President by the Hon'ble Maharaja Sir Maniudrachandra Nandi, Bahadur, K.C.I.E., an Honorary Fellow of the University:

"KASIMBAZAR AJBARI,

Dated 16th November, 1918.

*Mudhupur, E.I. Ry.*

MY DEAR SIR ASUTOSH,

I have heard with great pleasure that the Senate has approved of your scheme for the institution of an M.A. Degree in Indian Vernaculars and for the preparation and publication of a series of works for this purpose. I am anxious to associate myself with this great project, and to place at the disposal of the University a sum of Rs. 2,000 a year for five years to create the nucleus of a publication fund in connection with your scheme. I hope you will take early steps to have my offer accepted by the University authorities.

Yours sincerely,

MANINDRACHANDRA NANDY,

*Honorary Fellow, Calcutta University."*

RESOLVED—

That the Executive Committee recommend that the Senate be moved to accept the generous gift of the Maharaja of Kasimbazar and to sanction that the series of Typical Selections from Indian Vernaculars to be published by the University be named "Maharaja Sir Maniudrachandra Nandi Series."

(Confirmed.)

ASUTOSH MOOKERJEE.

*President.*

H. C. MOOKERJEE,

*Secretary.*

# **Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.**

FOR THE YEAR 1918-19.

**No. 10.**

THE 21ST NOVEMBER, 1918.

**Present :**

Rev. Dr. G. Howells, M.A., Ph.D., B Litt., B.D.	The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D.
Bai A. C. Bose, Bahadur, M.A.	Rev Dr W. S. Urquhart, M.A., D.Phil.
Professor H. Stephen, M.A., D.D.	Professor D. R. Bhandarkar, M.A.
Mr. T. S. Sterling, M.A.	Mr. Bipinbihari Sen, M.A.
Mahamahopadhyay Dr. Satishchandra Vidyabhushan, M.A., Ph.D.	Mr. Satishchandra Ray, M.A.
Dr. I. J. S. Taraporewala, B.A., Ph.D.	Dr. C. E. Cullis, M.A., Ph.D.
	Dr. Syamadas Mukerjee, M.A., Ph.D.

Read the following Proceedings of the Board of Higher Studies in Economics, dated the 18th November, 1918.

“Read a further communication from the Principal, Dacca College, dated, the 1st October, 1918, on the subject of the appointment of Mr. S. C. Bose, A. M. (Nebraska) of the Dacca College as University Lecturer in Economics at Dacca.

**RESOLVED—**

That the Board report to the Syndicate that in their opinion the academic qualifications of Mr. S. C. Bose are such as would justify his appointment as University Lecturer, but that the staff is inadequate for the work in Economics in the B.A. Pass and Honours and the M. A. Classes.

Read the following letter from the Registrar, Co-operative Societies, Bengal, suggesting that steps may be taken for the practical study of Co-operation :

No. 857 T. O.

FROM

J. T. DONOVAN, Esq., I.C.S.,  
Registrar of Co-Operative Societies, Bengal.

TO

THE REGISTRAR, CALCUTTA UNIVERSITY,  
SENATE HOUSE, CALCUTTA.

*Darjeeling, the 2nd November, 1918.*

SIR

In continuation of my letter No. 11052, dated the 26th August, 1918, and in reply to your letter No. 2482, dated the 21st August, 1918, I have the honour to say that the University may use its influence to get students to take up the practical study of co-operation, as suggested by Sir Daniel Hamilton in his address entitled "The Specious Days to Come" by encouraging the study of Political Economy with special reference to Co-operation. This I understand, the University already does to some extent. I would suggest the foundation of an annual scholarship or prize for a thesis on co-operation, or for an essay, the material for which should be derived from a practical study of the co-operative movement in this Presidency or some part thereof.

2. Such a thesis or essay need not be confined to the actual developments of the movement observed but might put forward, as a result of research or the study of Economic conditions, suggestions for possible developments of the movement not yet tried. Thus, for instance, the co-operative sale of jute has not yet been adequately put to the test in this province. An essay might embody research into the prices for jute obtained in a jute producing area compared with the current prices for the same jute in Calcutta, the possibility of combination among the cultivators of jute to put their crop on the market directly, the present unorganized methods of marketing, the labour and machinery necessary in the baling process, the likelihood of a combination of cultivators being able to obtain the machinery and the labour, actual enquiries in a particular jute producing area revealing particular difficulties or facilities in that area, with suggestions for overcoming such difficulties or taking advantage of such facilities, the finance necessary for undertaking, and so on.

3. I have taken the particular case of jute to exemplify what I mean. A Mymensingh student in Calcutta, for instance, might utilize the time between his terms in research for such an essay, but a Barisal student might produce an essay on the co-operative reclamation and colonization of Sundarban lands, a Bankura student might work on the possibilities of the weaving industry organized on co-operative lines, any student might further investigate co-operative credit and every student might study the possible applications of the co-operative principle to the economic problems of some area in which he could carry out research. No student, however, would have any chance of the scholarship or prize who did not produce a statement of facts derived from research and did not estimate the facts stated at their proper value.

4. I would suggest that such essays or theses might be submitted for examination to a board of examiners nominated by the Bengal Co-operative

Organisation Society or to the Registrar of Co-operative Societies assisted by such a board, and I am sure the Bengal Co-operative Organisation Society and the Registrar would readily agree to undertake the work.

5. I need hardly point out that successful, and even unsuccessful candidates, for such a scholarship as I suggest would have much to recommend them for Government employment in connection with the Co-operative Department as a result of their work, while the co-operative movement, and therefore the country generally, would derive considerable benefit from such research by students.

6. An entirely different form of encouragement of the movement would be advice from the University to its affiliated colleges to foster the formation of Stores and other Co-operative Societies amongst the students on the lines of the Societies which have already been started in St. Paul's College, Carmichael College, Rangpur, and so on.

I have the honour to be,  
Sir,  
Your most obedient servant,  
J. DONOVAN,

*Registrar.*

#### RESOLVED—

That the Board recommend to the Syndicate that the following steps be taken to encourage the study of co-operation :—

A(1) That two annual prizes of Rs. 250 and Rs. 200 respectively, be awarded during the next three years.

(2) That the prizes be open to all graduates of not more than 10 years standing.

(3) That the prizes be awarded for essays on co-operation based on a practical study of the co-operative movement in the provinces under the jurisdiction of the University.

Note:—When the prizes are announced, it would be desirable to notify that competitors must produce a full statement of facts derived from research and estimate the facts stated at their proper value.

(4) That a Standing Committee of three experts be appointed by the Syndicate for the guidance of such graduates as may undertake the investigation; one Member to be nominated by the Board of Higher Studies in Economics, one by the Board of Studies in Economics, and one by the Bengal Co-operative Organisation Society.

(5) That the essays be required to be forwarded to the Registrar not later than the 31st December of the year in which the prizes are to be awarded.

(6) That the essays received be examined by a Board of three Honorary Examiners, consisting of the Registrar of Co-operative Societies and two other Members, nominated respectively by the Board of Higher Studies in Economics and the Board of Studies in Economics.

(7) That the prizes be awarded by the Syndicate on the report of the Examiners.

(8) That arrangements be made for the publication of the important essays submitted by competitors for the prize.

B (1) That the Principals of the St. Paul's C. M. College, Carmichael College and Bangabasi College, be requested to favour the University with a brief statement of the steps already taken by the students in the respective institutions in the way of formation of stores and other Co-operative Societies.

(2) That on receipt of the information, a statement on the subject be drawn up and circulated to all Heads of affiliated Colleges and recognised Schools, for information and for such action as may seem feasible.

Read a letter from Mr. J. C. Kydd, Professor, Scottish Churches College and University Lecturer in Economics, stating that as he is now in camp on military duty with the University Corps, he will not be able to resume his lectures on Banking to the 6th-year Class before January, 1919.

**RESOLVED—**

That Dr. Pramathanath Banerjee be requested to take the class during the absence of Mr. Kydd."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Sanskrit, dated the 18th November, 1918:—

"The Secretary reported the sudden death of Pandit Sivakumar Tarkadarsanathirtha, one of the University Lecturers in Sanskrit.

**RESOLVED—**

(1) That a letter of condolence signed by the President be forwarded to the father of the deceased.

(2) That Babu Debendranath Ray, M.A. Vidyaratna, Lecturer, Bethune College, be appointed University Lecturer in Sanskrit for one year with effect from 1st December, 1918.

(3) That, subject to the sanction of the authorities of the Bethune College, an honorarium of Rs. 50 a month be paid to Babu Debendranath Ray, M.A."

**RESOLVED—**

That the proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in English, dated the 18th November, 1918.

" Read a letter from the Offg : Principal, Presidency College, regarding the arrangement to be made during the absence of Mr. M. Ghosh, and Mr. P. C. Ghosh, on leave for three months and one and half months respectively.

**RESOLVED—**

(1) That the work assigned to Mr. M. Ghosh (lectures on Swinburne) be assigned to Professor H. Stephen.

(2) That the work assigned to Mr. P. Ghosh (Lecturers on Bacon) be assigned to Babu Mokinimohan Bhattacharyya.

(3) That the other work assigned to Mr. P. Ghosh (Chaucer etc.) be distributed amongst Messrs. T. S. Sterling, S. K. Chatterjee and N. M. Chatterjee.

(4) That the Secretary be authorised to modify the time-table in consultation with the Lecturers concerned so as to carry out the above arrangements".

**RESOLVED—**

That the Proceedings be confirmed.

Read a memo. from the Director of Public Instruction, Bengal, forwarding a copy of his letter No. 198A/1u9a-18 dated the 25th October, 1918, to the Secretary to the Government of Bengal, General Department, regarding the co-operation of the staff of the Presidency College in the scheme of Post-Graduate Teaching for the session 1918-19.

**ORDERED—**

To be recorded.

Read a memo. from the Director of Public Instruction, Bengal, forwarding a copy of his letter No. 199A dated the 25th October, 1918, to the Secretary to the Government of Bengal, General Department, regarding the co-operation of the staff of the Sanskrit College and Bethune College in the scheme of Post-Graduate Teaching for the session 1918-19.

**ORDERED—**

To be recorded.

Read a letter dated the 1st November, 1918, from Babu Anantaprasad Banerjee, M.A., tendering his resignation of his appointment as University Lecturer in History.

**RESOLVED—**

That the resignation be accepted with effect from the date of the letter.

Professor Bhandarkar stated that instead of appointing a University Lecturer to fill up the vacancy, it would be more convenient if he were given an Assistant.

**RESOLVED—**

That Babu Jitendranath Banerjee, M.A., (Silver Medallist in History, 1918) be appointed Assistant to the Carmicheal Professor on a salary of Rs. 150 a month for a term of one year with effect from the date on which he reports himself to the Professor.

Read a letter from Dr. Taraporewala, Professor of Comparative Philology who has been appointed Editor for a set of Volumes of Typical Selections from the Gujrathi Literature, requesting that Professor A. B. Dhruva, M.A., of Gujarat College, Ahmedabad, may also be appointed (with a remuneration) to cooperate with him.

**RESOLVED—**

That Professor Dhruva be requested to be associate editor and that an honorarium of Rs. 1,000 be offered to him.

The Secretary reported that the payment of the actual travelling expenses incurred by Professor S. N. Bhadra, M.A., of the Dacca College and Member of the Board of Higher Studies in English, for his journey from Dacca to Calcutta and back, sanctioned by the Executive Committee on the 27th September, 1918, had not been made, as his travelling allowance had been paid by Government.

**ORDERED—**

To be recorded.

Read a letter from Babu Praphullachandra Ghosh, M.A., Professor, Presidency College and University Lecturer in English, requesting that leave for 19 days from the 2nd December, 1918 to the 20th December, 1918 may be granted to him on ground of ill-health.

**RESOLVED—**

That the application be granted.

Read an application from Babu Pulinbihari Ray, Assistant in the Office of the Secretary, who has been suffering from influenza and heart trouble, praying for leave without pay from the 9th November to the 23rd December, 1918 and submitting medical certificate in support of his prayer.

**RESOLVED—**

(1) That the application be granted.

(2) That Krishnabihary Raychaudhuri, M.A., be appointed a temporary assistant on Rs. 50 a month during the absence of Babu Pulinbihari Ray.

Read an application from Babu Nagendranath Chakrabarti stating that his son Rasbihari Chakrabarti, an Assistant in the



office of the Secretary attached to the Library, who has been suffering from influenza praying that leave for 3 months with effect from the 6th November may be granted to him and submitting medical certificate in support of his application.

**RESOLVED—**

That leave be granted without pay.

Read an application from Babu Anilchandra Ray, who passed the M.Sc. Examination in Pure Mathematics this year with a First Class, praying that a research scholarship in Pure Mathematics may be granted to him.

**RESOLVED—**

That the applicant be informed that no research scholarship is available at present.

The Secretary requested sanction to levy a fee of Re. 1 from the students who lose the Syllabuses of lectures supplied to them and apply for a fresh copy.

**RESOLVED—**

That the proposal be accepted.

Read an application from Babu Susilkumar Majumdar, who passed the M.A. Examination in Philosophy in 1917 with Theology and Special Branch of Indian Philosophy as his special subjects, requesting permission to appear in Logic, Psychology and Ethics at the M.A. Examination, as a non-Collegiate student.

**RESOLVED—**

That the Executive Committee recommend that the Senate be moved to grant the application.

Read an application from Babu Nirmalchandra Chakraborty, who was allowed to change his subject from Philosophy to Experimental Psychology in October, 1918 by payment of the usual fee of Rs. 2 praying that the extra fee of Rs. 8 paid by him (fee of the Experimental Psychology Class being Rs. 10) for the months of June to September may be refunded to him.

**RESOLVED—**

That the application be refused.

Read a letter from Srijut Hemchandra Goswami, who has been appointed to prepare a book of Typical Selections in the Assamese Language, requesting sanction of a grant for Rs. 400 for the service of a competent clerk on Rs. 30 per month for about a year to help him generally in the work of compilation.

**RESOLVED—**

That a sum of Rs. 400 be sanctioned for the purpose and be forwarded to Mr. Goswami in four equal quarterly

instalments of Rs. 100 each, on the 1st December, 1918, 1st March, 1st June and 1st September, 1919.

The President laid on the table the Manuscript of the Tibetan text and English translation of Nagarjuna's *Prajnya Danda* made by Major W. D. Campbell, C.I.E., Resident, Gantok, Sikkim.

Read also an estimate of Rs. 600 from the Baptist Mission Press for printing 500 copies of the work.

**RESOLVED—**

That 500 copies of the work be printed at the Baptist Mission Press.

Read a letter from the Officiating Registrar, forwarding a copy of a demi-official letter dated the 2nd April, 1917, from the Hon'ble Sir E. D. MacLagan to the Hon'ble Sir Devaprasad Sarvadhikary, requesting to be furnished with information regarding the number of students and Professors in the various Colleges in Calcutta, as called for by the Syndicate in their Resolution, the dated 18th December, 1915. (Minutes for 1915, Part VIII, p. 2864, para 4724).

**RESOLVED—**

That the attention of the Officiating Registrar be drawn to the fact that the letter of Sir E. D. MacLagan and the Resolution of the Syndicate have no reference to the Post-Graduate Classes of the University.

The Secretary submitted three bills for Rs. 11, Rs. 82-8 and Rs. 65 respectively from Shaikh Naimuddin for supplying books for the Library of the Post-Graduate Department.

**RESOLVED—**

That the bills be paid.

The Secretary submitted a note from one of the Assistants of the University Library, regarding difficulty of carrying on the Library work, as most of the Assistants are suffering from Influenza and are on leave.

**RESOLVED—**

That Jagannathdeb Ray and Nripendralal Banerjee be appointed temporary Assistants for two months on Rs. 30 each to be attached to the University Library.

Read a memo. from the Assistant Registrar, forwarding a copy of letter dated the 5th November, 1918, from Mr. A. H. Lloyd informing that Professor Hamilton has been suffering from Influenza and will not be able to attend the University.

**ORDERED—**

To be recorded.

Read a memo, from the Offg. Registrar, forwarding a copy of letter No. S. 4364, dated the 12th November, 1918, from the

Secretary, Corporation of Calcutta regarding postponement of the reopening of Schools and Colleges in Calcutta, up to the 30th November, 1918, on account of the influenza epidemic in the town.

The Secretary reported that under instructions from the President, the Post-Graduate Classes have been closed up to the 1st December next.

**RESOLVED—**

That the action taken be approved.

Read a letter from Kumar Ghanadanath Ray Chaudhuri of Dubalhati to the President offering a sum of Rs. 600 for the award of a Scholarship for Rs. 25 per month tenable for two years to be called "Rani Syamasundari Scholarship" in the scheme for the inclusion of Indian Vernaculars as subjects of study and Examination for the M.A. Degree.

**RESOLVED—**

That the donation be thankfully accepted.

Read a letter from Dr. Chandrasekhar Kali to the President, offering a sum of Rs. 500 as his contribution towards the publication of old Bengali Texts in connection with the scheme for the inclusion of Indian Vernaculars as subjects for the M.A. Examination (the fund to be named after the donor).

**RESOLVED—**

That the offer be thankfully accepted.

Read a letter from Babu Surendranath Majumdar, M.A., University Lecturer, enquiring whether the M.A. Examination in the new group on Ancient Indian History and Culture will be held in 1919.

**RESOLVED—**

That the Examination be held in 1919.

(Confirmed.)

ASUTOSH MOOKERJEE,  
*President.*

H. C. MOOKERJEE,  
*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1918-19.

No. 11.

THE 22ND NOVEMBER, 1918.

(*In Circulation.*)

Read the following letter addressed to the President by Babu Adharchandra Mukerjee :—

“ 51 BEADON ROW, CALAUTTA.

*The 22nd November, 1918.*

MY DEAR SIR ASUTOSH,

In connection with your scheme for the inclusion of the Indian Vernaculars as subjects for the M.A. Degree Examination, which has now been approved by the Senate, I desire to make over to the University, Government Securities for Rs. 2,500 to constitute a fund for the following purposes :

1. That a Gold Medal be instituted to be named “ Brahmayi Medal ” after my mother.

2. That the Medal be awarded annually to that successful candidate at the M.A. Degree Examination in Indian Vernaculars who distinguishes himself most in Bengali as his special subject.

3. That the Medal be publicly presented to the recipient at the annual Convocation for conferring degrees and the name be published in the Gazette and in the University Calendar.

I would request you to take the necessary steps to have the offer accepted by the University authorities.

Yours sincerely,

ADHARCHANDRA MUKERJEE,

*Ordinary Fellow of the University.”*

## RESOLVED—

That the Executive Committee recommend that the Senate be moved to accept the gift with thanks.

Read the following letter addressed to the President by Babu Adharchandra Mookerjee :—

“ 51 BEADON ROW, CALCUTTA.

*The 22nd November, 1918.*

MY DEAR SIR ASUTOSH,

I am anxious to associate myself, though in a very humble way, with the recent developments in Post-Graduate Teaching initiated by you in the University. I desire to make over to the University, Government Securities for Rs. 2,500 to constitute a fund for the following purposes :

1. That a Gold Medal be instituted to be named “Sarojini Medal” after my first daughter.

2. That the Medal be awarded annually to that successful candidate at the M.A. Degree Examination in History who, having taken his B.A. Degree from the Scottish Churches College, has prosecuted a regular course of study in that subject in the Post-Graduate Classes in the University.

3. That the Medal be publicly presented to the recipient at the annual Convocation for conferring Degree and the name be published in the Gazette and in the University Calendar.

I would request you to take the necessary steps to have the offer accepted by the University authorities.

Yours sincerely,

ADHARCHANDRA MUKERJEE,

*Ordinary Fellow of the University  
and*

*Emeritus Professor, Scottish Churches College.”*

## RESOLVED—

That the Executive Committee recommend that the Senate be moved to accept the gift with thanks.

Read the following letter addressed to the President by Babu Adharchandra Mookerjee :—

“ 51 BEADON ROW, CALCUTTA.

*The 22nd November, 1918.*

MY DEAR SIR ASUTOSH,

With a view to encourage the study of Ancient Indian

History and Culture which at your instance has now been recognised as a special subject for the M.A. Degree Examination, I desire to make over to the University, Government Securities for Rs. 2,500 to constitute a fund for the following purposes :

1. That a Gold Medal be instituted to be named "Mrinalini Medal" after my second daughter.

2. That the Medal be awarded annually to the author of the best thesis embodying the result of original research or investigation in a topic connected with Ancient Indian History and Culture the subject to be prescribed by the Board of Higher Studies in History at least one year in advance and the Examination to be conducted according to rules framed by the Board from time to time in that behalf.

3. That the Medal be open to competition among all Graduates of the University of not more than 10 years standing.

4. That the thesis of the successful candidate be published by the University.

5. That the Medal be presented publicly to the recipient at the annual Convocation for conferring Degrees and the name be published in the University Calendar and Gazette.

I would request you to take the necessary steps to have the offer accepted by the University authorities.

Yours sincerely,

ADHARCHANDRA MUKERJEE,

*Ordinary Fellow of the University."*

RESOLVED - -

That the Executive Committee recommend that the Senate be moved to accept the gift with thanks.

Read the following letter addressed to the President by Babu Adharchandra Mookerjee :—

"51, BEADON ROW, CALCUTTA.

*The 22nd November, 1918.*

MY DEAR SIR ASUTOSH,

I desire to associate myself with the great movement organised by you for the development of higher teaching in the University for the benefit of our young men. With this object,

I propose to make over to the University, Government Securities for Rs. 8,000 to constitute a fund for the following purposes :

1. That a Lectureship be instituted for the delivery of a course of two lectures annually, by a distinguished scholar, on a selected subject connected with Letters or Science.

2. That the subject be so chosen as to represent these two departments alternately.

3. That the Lecturer and his subject be selected by the Post-Graduate Council in Arts or Science as the case may be.

4. That the lectures be publicly delivered at the Senate House and be printed and published as soon as possible after delivery.

5. That the honorarium payable to the Lecturer be the income of the fund for the year together with such supplementary sum, if any, as the Senate may from time to time direct.

6. That the names of the Lecturers and their subjects be published in the University Calendar.

I would request you to move the University authorities to accept this offer.

Yours sincerely,

ADHARCHANDRA MUKERJEE,

*Ordinary Fellow of the University."*

RESOLVED -

That the Executive Committee recommend that the Senate be moved to accept the gift with thanks and to direct that the Lectureship be named "Adharchandra Mookerjee Lectureship" after the founder.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

H. C. MOOKERJEE,

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1918-19.

**No. 12.**

The 2nd December, 1918.

*(In Circulation).*

Read the following letter addressed to the President by  
Babu Satishchandra Ray :

“ KANTALPARA, NAIHATI,  
2nd December, 1918.

MY DEAR SIR ASUTOSH,

With a view to promote research by our graduates in the domain of Indian Sociology, Economics and Politics, I desire to make over to the University one hundred shares in Calcutta Tramways Company (face value five pounds each) to constitute a fund for the following purposes :

(1) That a research Prize and Gold Medal be instituted to be named “Mohendranath Roy Prize and Medal,” after my father.

(2) That the Prize and Gold Medal be awarded once in every two years, to the author of the best thesis embodying the result of original research or investigations in a topic connected with Indian Sociology, Economics or Politics.

(3) That the subject for the thesis be prescribed by the Board of Higher Studies in Economics at least two years in advance and the Examination be conducted according to rules framed by the Board from time to time in that behalf.

(4) That the Prize and Gold Medal be open to competition among all persons who have at any time been admitted to a degree in this University.

(5) That the thesis of the successful candidate be printed and published by the University, on such terms and conditions as may be arranged between the author and the University.

(6) That the Medal be presented publicly to the recipient at the Annual Convocation for conferring degrees, and the name of the author together with the title of the thesis be published in the University Calendar and Local Gazette.



(7) That the value of the Medal do not exceed Rs.150 and that the balance of the income of the fund for two years be paid in cash to the successful candidate.

(8) That if any year no thesis is received or the theses submitted are pronounced by the Board of Examiners not to be of sufficient merit, a second prize, or a prize in a second subject, or a prize of enhanced value, be awarded in a subsequent year or years as the Board of Higher studies in Economics may determine.

I would request you to move the University authorities to accept this offer and to take steps to select the subject for the first award as early as practicable, so as to make the award possible before the Convocation in 1919-20. Any additional sum requisite for this purpose will be paid by me.

Yours Sincerely,

SATISCHANDRA RAY,

Ordinary Fellow of the University  
and University Lecturer in Economics."

RESOLVED—

That the Executive Committee recommend that the Senate be moved to accept the gift with thanks.

(Confirmed)

ASUTOSH MOOKERJEE,

*President.*

H. C. MOOKERJEE,

*Secretary.*

# Proceedings of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1918-19.

No. 6

THE 5TH DECEMBER, 1918.

## Present :

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President, in the Chair*

- |  |  |
|--|--|
| The Hon'ble Sir Devaprasad Sarvadhi-<br>kary, Kt C.I.E., M.A., LL.D. | Mr. J. C. Coyajee, B.A., LL.B.               |
| Rai A. C. Bose, Bahadur, M.A.  | Dr. C. E. Cullis, M.A., Ph.D.                |
| Babu Dhireschandra Acharyya, M.A.                                    | Babu Nalinaksha Datta, M.A.                  |
| „ Gauranganath Banerjee, M.A.  | Mr. J. N. Das Gupta, B.A.                    |
| „ Indubhushan Banerjee, M.A.   | Babu Pramodranjan Dasgupta, M.Sc.            |
| „ Jaygopal Banerjee, M.A.  | Mr. Phanindralal Ganguli, M.Sc.              |
| Mr. J. R. Banerjee, M.A.   | „ Surendramohan Ganguli, M.Sc.               |
| Babu Manmathanath Banerjee, M.Sc.                                    | Mr. B. C. Ghosh, M.A., M.B.                  |
| „ Muralidhar Banerjee, M.A.  | Babu Praphullachandra Ghose, M.A.,<br>B.Sc.  |
| „ Narayanchandra Banerjee, M.A.                                      | „ Satischandra Ghose, M.A.                   |
| Dr. Pramathanath Banerjee, M.A.,<br>D.Sc.                            | „ Rajanikanta Guha, M.A.                     |
| Babu Srikumar Banerjee, M.A.   | „ Manoranjan Gupta, M.Sc.                    |
| „ Radhagobinda Basak, M.A.   | Dr. Hiralal Haldar, M.A., Ph.D.              |
| „ Satischandra Basu, M.A.  | Rev. A. B. Johnston, B.A.                    |
| „ Kokileswar Bhattacharyya, M.A.                                     | Dr. Ramdas Khan, M.A., Ph.D.                 |
| „ Pasupatinath Bhattacharyya,<br>M.A.                                | Rajaguru Bhagavanchandra Mahastvir           |
| „ Indubhushan Brahmachari, M.A.                                      | Babu Bijaychandra Majumdar, B.A.             |
| „ Haranchandra Chakladar, M.A.                                       | „ Narendrakumar Majumdar, M.A.               |
| „ Prabhatchandra Chakrabarti,<br>M.A.                                | „ Rameschandra Majumdar, M.A.                |
| „ Satischandra Chakrabarti, M.A.                                     | „ Surendranath Majumdar, M.A.                |
| „ Kalidhan Chatterjee, M.A.  | Maulavi Aga Mahomed Kazim Shiraz.            |
| „ Nalinimohan Chatterjee, M.A.                                       | Babu Ambikacharan Mitra, M.A.                |
| „ Nirmalchandra Chatterjee, M.A.                                     | „ Khageudranath Mitra, M.A.                  |
| „ Satischandra Chatterjee, M.A.                                      | Mr. Khageudranath Mitra, B.A.                |
| „ Sunitikumar Chatterjee, M.A.                                       | Babu Sailendranath Mitra, M.A.               |
|  | Dr. Harendracoomar Mookerjee, M.A.,<br>Ph.D. |
|  | Babu Panchanandas Mukherjee, M.A.            |

Dr. Syamadas Mukherjee, M.A., Ph.D.  
 Babu Jitendraprasad Niyogi, M.A.  
 Swami Punnananda.  
 Babu Hemchandra Raichandhury, M.A.  
 „ Debendranath Ray, M.A.,  
     Vidyaratna.  
 „ Satischandra Ray, M.A.  
 Mr. Surendramohan Sanyal, M.A., M.Sc.  
 Vedantabisarad N. S. Anantakrishna  
     Sastri.  
 Babu Asutosh Sastri, M.A.  
 Mr. Arun Sen, B.A.  
 Babu Bipinbihari Sen, M.A.  
 „ Saileswar Sen, M.A.  
 „ Surendranath Sen, M.A.  
 Mr. A. C Sengupta, M.A.  
 Babu Prabodhchandra Sengupta, M.A.

Swami Rambukwelle Siddharta,  
     Sastravisarad Vinayacharyya  
 Babu Jogischandra Sinha, M.A.  
 Sheikh Abu Nasr Gilani.  
 Shams-ul-ulama Vilayet Hossain.  
 Dr. H. Stephen, M.A., D.D.  
 S. Khalil Ahmed, M.A.  
 Dr. I. J. S. Taraporewala, B.A., Ph.D.  
 Mr. Y. J. Taraporewala, B.A.  
 Mahamahopadhyay Pramathanath  
     Tarkabhusan.  
 Rev. W. S. Urquhart, M.A., D.Phil.  
 Pandit Rajendranath Vidyabhusan.  
 Mahamahopadhyay Dr. Satischandra  
     Vidyabhusan, M.A., Ph.D.  
 Mr. K. Zachariah, B.A.

The Hon'ble Sir Devaprasad Sarvadhikary moved that the Proceedings of the Executive Committee, dated the 18th November, 1918, the 21st November, 1918, the 22nd November, 1918 and the 2nd December, 1918 be confirmed.

Mahamahopadhyay Dr. Satischandra Vidyabhusan, seconded the motion.

Mr. J. R. Banerjee drew attention to the question of admission of Babu Susilkumar Majumdar to the M.A. Examination in Logic, Psychology and Ethics as a non-collegiate student (Executive Committee, dated the 21st November, 1918).

The President explained that this matter, on which a separate communication had been addressed to the Syndicate, would be ultimately decided by the Senate.

Rev. A. B. Johnston drew attention to the institutin of Prizes for encouragement of study of co-operation (Executive Committee, dated 21st November, 1918) and suggested that one Prize might be limited to undergraduates and the other to graduates of not more than five years standing.

The President explained that the matter was not under consideration by the Council but arose from a special reference by the Syndicate to the Board of Higher Studies in Economics whose views had been separately communicated to and accepted by the Syndicate.

The motion was then put to the vote and carried.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

H. C. MOOKERJEE,

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1918-19.

**No. 13.**

THE 13TH DECEMBER, 1918.

*(In Circulation.)*

The President stated that Mr. R. D. Mehta, C.I.E., had placed at his disposal Rs. 2,500 in aid of the publication of a volume of Selections from, the Zenda Vesta (edited and annotated by Prof. Taraporewala) as recommended by the Board of Higher Studies in Comparative Philology on the 9th December, 1918.

**RESOLVED—**

1. That the Executive Committee recommend that the Senate be moved to accept the gift with thanks.

2. That the liberality of Mr. Mehta be suitably indicated on the title page of the Volume when it is published.

(Confirmed).

**ASUTOSH MOOKERJEE,**

*President.*

**H. C. MOOKERJEE,**

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Arts.

FOR THE YEAR 1918-19.

**No. 14.**

THE 18TH DECEMBER, 1918.

(*Present*).

The Hon'ble Sir Asutosh Mookerjee, Kt, C.S.I., M.A., D.L., D.Sc., Ph.D.—  
*President, in the Chair.*

Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.	Dr. I. J. S. Taraporewala, B.A., Ph.D., The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D.
Rai A.C. Bose, Bahadur, M.A.	Mr. Bipinbihari Sen, M.A.
Mr. T. S. Sterling, M.A.	Mr. Satishchandra Ray, M.A.
Mahamahopadhyay Dr. Satishchandra Vidyabhushan, M.A., Ph.D.	Dr. C. E. Cullis, M.A., Ph.D.

Read the following Proceedings of the Board of Higher Studies in Arabic and Persian, dated the 9th December, 1918:—

“The Board proceeded to nominate Examiners (Internal and External) for the M.A. Examination, 1919.

RESOLVED—

That the Boards of Examiners be constituted as follows:—

ARABIC.

1919.

INTERNAL EXAMINERS.

Maulvi Abu Musa Ahmadul Haq.  
Shams-ul-Ulama Vilayet Hossain.  
The Hon'ble Dr. Abdulla-al-Mamun Suhrawardy, M.A.,  
Ph.D.

EXTERNAL EXAMINERS.

Shams-ul-Ulama Maulavi Amjad Ali, M.A.  
Shams-ul-Ulama Abu Nasr Md. Waheed, M.A.

Muhammad Irfan, M.A.

A. Harley, Esq. M.A.

Dr. Muhammad Ayatollah, M.B., C.M.

PERSIAN.

1919.

INTERNAL EXAMINERS.

Shaikh Abu Nasr Gilani.

S. Khalil Ahmad, M.A.

Shams-ul-Ulama Vilayet Hossain.

Aga Md. Kazim Shirazi.

The Hon'ble Dr. Abdulla-al-Mamun Suhrawardy, M.A.,  
Ph.D.

EXTERNAL EXAMINERS.

Nawab Shams-ul-Ulama Syed Imdad Imam.

Mr. O. F. Jenkins.

Dr. Musharraful Haq., Ph.D.

Begum Sahiba Khujasta Akhtar Bannu Suhrawardy.

RESOLVED—

That the following text books in Arabic and Persian be recommended for the M.A. Examination for the year 1921:

ARABIC.

1921.

Kitābu'l Aghānī Vol. IV—

(a) from middle of page 17 to middle of page 34;

(b) from page 74 to page 98.

Yatīmatu'd-Dahr, Vol. IV—Al-Babū'l-Khāmis fī dhikr-i-  
Abī'l-Fadlī'l-Hamadānī, pages 167-204.

Qur'ān with the Kashshāf by Zamakhsharī—the whole of  
Sūratu'l-'Imrān :

Mishkātu'l-Ma ābih.

(a) Kitābu'l-Imārat-i-Wa'l-Qāḍā'i.

(b) Kitābu'l-Adab.

Ishārāt by Avicenna : Al-Namatu't-Tasi and Al-Namatu'l-  
'Ashīr.

Futūḥu'l-Buldān by Balādhiri—Pages 152-240.

Mufasssal by Zamakhsharī—from the beginning of the book  
up to the end of the Baḥṭh Ism-i-Mu'rab.

Fara'id by Mullā Maḥmūd Jawnpūri. Ilm-'l-Ma'ānī—from  
the beginning of the Muqaddima up to the end of the  
*Naw-i-Awwal* of the *Fann-i-thānī*.

Students are recommended to consult the following books :—

De Sacy	Grammaire Arabe.
De Sacy	Anthologie Grammaticale Arabe.
Wright	Grammar of Arabic Language.
Howell	Grammar of Classical Arabic Language.
Wright	Lectures on the Comparative Grammar of the Semitic Languages.
Nöldeke	Semitic Languages (Encyclopaedia Britannica, XXIV, 617).
Mehren	Rhetorik Araber.
Cheikho & Edde	Ilm-al-Adab.
St. Guyard	Theorie nouvelle de la Metrique Arabe (Jour. Asiat. 1876).
Hartmann	Metrum & Rhythmus.
De Goeje & Thatcher ...	Arabic Literature (Encyclopaedia Britannica, II, 271).
Wallace & Thatcher ...	Arabic Philosophy (Enc. Britt., II, 276).
De Boer ...	History of Philosophy in Islam, tr. Jones.
Huart ...	History of Arabic Literature.
Arbuthnot ...	Arabic Authors.
Nicholson ...	Literary History of the Arabs.
Browne ...	Literary History of Persia, Vol. I.
Cambridge Mediaeval History, Vol. II, Chapters 10-12.	
Gibbon ...	Decline and Fall of the Roman Empire, Chs. 50-52, 56-59, 64, 65, 67, 68.
Ameer Ali ...	History of the Saracens.
De Goeje ...	Caliphate (Enc. Britt., V, 23).
Hitti ...	Origins of the Islamic State (Columbia University).
Weil ...	History of Islamic Peoples—tr. Khuda Bakhsh.
Goldziher ...	Mohammad and Islam—tr. Seelye (Yale University Press).
Von Kremer ...	History of Islamic Civilization, tr. Khuda Buksh.
Macdonald ...	Development of Muslim Theology, Jurisprudence and Constitutional Theory.
Ibn Khaldun ...	Prolegomena, tr. Slane.
Horgrounje ...	Mohammadanism.
Ameer Ali ...	Spirit of Islam.
Elphinstone ...	History of India (Mahomedan Period).

## PERSIAN.

1921.

## POETRY.

The Hadiqa of Sanai (Nawal Kishor edition, 1887,, Chapters I and V.

The Mantiqu-ṭ-Ṭair of 'Aṭṭār, from the first Maqāla to the last (Paris edition, 1857 or any other edition).

The Dīwān of Nāsir-i-Khusraw (Bombay edition).

The Qasā'id of Zahīd Fāryābī—All the Persian Qusīdas (Nawal Kishor or any other edition).

*Prose.*

The Tazkira of Dawlat Shāh.

The Tazkira of 'Awfī, Part II (London edition).

The Kīmīyā'-i-Sa'ādat of Ghazzālī (pages 1-50).

The Durra'-i-Nādīra (Bombay edition), omitting the Dībācha.

The Hadā'iq-i-Balāghat—the first two Hadiquas.

Arabic Prose—The Prose Selection prescribed for B.A. Pass Course.

Students are recommended to consult the following books :

- |                             |     |  |
|-----------------------------|-----|--|
| Ethi                        | ..  | Persian Language and Literature.<br>(Enc. Britt., XXI, 246).                         |
| Ouseley                     | ... | Biographical Notices of Persian Poets.   |
| Arbuthnot                   | ... | Persian Portraits.   |
| Browne                      | ... | Literary History of Persia.  |
| De Boer                     | ... | History of Philosophy in Islam, tr.<br>Jones.  |
| Platts & Rankin             | ... | Grammar of Persian Language.   |
| Ibrahim                     | ... | Persian Grammar.   |
| Forbes                      | ... | Persian Grammar.   |
| Phillot                     | ... | Higher Persian Grammar.  |
| Geiger & Kuhn               | ... | Grundriss der Iranischen Philologie.   |
| Darmesteter                 | ... | Etudes Iranienues.   |
| Do                          | ... | Origines de la poesie Persane.   |
| Gladwin                     | ... | Rhetoric, Prosody and Rhyme of<br>the Persians.                                      |
| Blochmann                   | ... | Prosody of the Persians.   |
| Ruckert                     | ... | Grammatik, Poetik und Rhetorik<br>der Perser.  |
| Azad                        | ... | Sukhandn-i-Fars.   |
| Cambridge Mediaeval History |     | Vol. II, Chapters 10-12.   |
| Gibbon                      | ... | Decline and Fall of the Roman Em-<br>pire, Chapters 50-52, 56-59, 64,<br>65, 67, 68. |



De Goeje	...	Caliphate (Enc. Britt., V,23)
Hitti	...	Origins of the Islamic State, (Colum. Univ. Press).
Goldziher	...	Mohammed and Islam, tr. Seelye (Yale University Press).
Von Kremer	...	History of Islamic Civilization, tr. Khuda Bakhsh.
Weil	...	History of Islamic Peoples, tr. Khuda Bakhsh.
Macdonald	...	Development of Muslim Theology, Jurisprudence and Constitutional Theory.
Ibn Khaldun	...	Prolegomena, tr. Slane.
Hurgrounje	...	Mohammedanism.
Ameer Ali	...	Spirit of Islam.
Do	...	History of Saracens.
Elphinstone	...	History of India (Mahomedan Period).

Read the following Memorandum prepared by Dr. Taraporewala:—

“A scheme for Iranian Philology to be incorporated with the course of Persian.

Sometime ago the Hon'ble Dr. Suhrawardy asked me to consider the question of having a systematic course of Iranian Philology in connection with the M.A. scheme in Persian. I have consulted our President, Sir Asutosh Mookerjee about this matter and with his approval I have made up the following scheme, which I now beg to put before the Persian Board.

I think that there should be at least one paper, compulsory for all students, on Philology. I would also wish, if possible, to have the Examination divided into two sections, as in English, with one section devoted mainly to Philology. In any case, I should wish the first part of my proposals to be adopted soon. The second may wait till we can be sure that more students would be willing to take it up. Perhaps the knowledge that such a scheme has been accepted by the University may be a direct inducement to some students to take it up.

1. The paper on Philology should be entirely devoted to the subject and should be compulsory for all. It may be in two sections of 60 and 40 marks respectively. The former should deal with the following matters.

General Principles of Philology, the history of Philology, especially Iranian, in Europe as well as in the East. The various types of languages, the I.E. group, as distinguished from the other groups; the Aryan branch with its subdivisions

Iranian and Indian; the main points of contrast between these two. Elements of historical Persian Grammar. The main Iran dialects.

The second part carrying 40 marks should include :

The Arabic element in Modern Persian, earlier Semetic influences in the Iranian languages, the spread of Persian language throughout Asia and its influence over other non-Iranian languages especially of India and notably on the development of Urdu.

II. For the fuller course there should be a special group, as in English, having four papers :

1. Elements of the phonology and morphology of Old Persian and Avesta. History of the development of Ancient Persian up to the Middle Persian period (the beginning of the Parthian dynasty). Elements of Syntax of Avesta and Old Persian. Outline history of the Achaemenian period. History of the cuneiform scripts as used in Persia.

2. Elements of Pahlavi Grammar, Phonology, Morphology and Syntax, as compared and contrasted with Modern Persian. Pazand or Huzvareh. History of the Parthian and Sassanian Periods, History of the Pahlavi and Modern Avesta script.

3. Elementary Arabic Grammar and Text. The influence of Arabic Grammar and language on Persian. Pure Aryan Persian as contrasted with Arabianised Persian, (this may be illustrated by two typical texts). History of the origin and spread of Arabic script. Modern Persian Grammar.

4. Aryan antiquities and culture of Ancient Iran. The influence of Zoroaster and His Religion on Persian literature and culture.

	40
One of the following :—	...
	60

(a) Elementary Avesta Grammar and text (Yasna ix).

or

(b) Elementary Old Persian Grammar and text (Behistun Inscriptions, cols. 1 and 2).

or

(c) Elementary Pahlavi Grammar and text (Kārnāmak-i-Artakshir-i-Pāpakan, Chaps. 1 and 2)"

Read also letters from Sheikh Abu Nasr Gilani and Mahmud Kazim Shirazi stating that the Syllabuses in Persian for the B.A. and M.A. Examinations were not properly graded and were defective in many other important respects.

RESOLVED—

That the President be requested to arrange for a joint meeting of the Board of Higher Studies in Persian and Arabic and the Board of Higher Studies in Persian and Arabic and Urdu to

consider the whole question of revision of the Persian and Arabic Syllabuses for the B.A. and M.A. Examinations and that the scheme suggested by Dr. Taraporewala as also the letters of Messrs Gilani and Shirazi be referred to the joint meeting."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher studies in Pali, dated the 9th December, 1918.

"The Board proceeded to nominate Examiners (Internal and External) for the M.A. Examination.

RESOLVED—

That the following Board of Examiners be nominated :

PALI

1919.

\* INTERNAL EXAMINERS.

Prof. D. R. Bhandarkar, M.A.

Babu Surendranath Majumdar, M.A.

„ Sailendranath Mitra, M.A.

Mahamahopadhyay Dr. Satishchandra Vidyabhushan, M.A.,  
Ph.D.

Babu Radhagobinda Basak, M.A.

Dr. Benimadhab Barua, M.A., D.Litt.

Babu Nalinaksha Datta, M.A.

Samana Punnananda.

Rajaguru Bhagabanchandra Mahastavir.

Swami Siddhartha.

EXTERNAL EXAMINERS.

Dr. T. W. Rhys Davids, Ph.D.

Mons. C. Duroiselle.

RESOLVED—

That the following text books for the M.A. Examination in Pali for the year 1921 be recommended :

PALI

1921.

COMPULSORY PAPERS.

*Paper I.*

(a) Digha Nikaya (P.T.S.) :—

Brahmajala-uttranta.

Samaññaphala-Suttanta.

Sigalovada.

Ambattha Sutta.

(b) Majjhihima-Nikaya (P.T.S.) Vol. I—Suttas 1-15

(c) Samyutta-Nikaya (P.T.S.) Vol. I, pp. 1-102.

(d) Anguttara-Nikaya—Pancakanipata (P.T.S.)—pp. 1-110.

*Paper II.*

- (a) Mahavagga of the Vinaya Pitaka (P.T.S.)—pp. 1-156.  
 (b) Patimokkha (P.T.S.).  
 (c) So-sor-thar-pa by Mahamahopadhyaya Dr. Satischandra Vidyabhushan.

*Paper III.*

- Kaccāyana—Pali Grammar.  
 Vuttodaya—ed. C. A. Silakkhanda. (Nirnaya Sagara Press, Bombay.)  
 Vararuchi—Prakrita Prakasa.  
 R. G. Bhandarkar—Wilson Philological Lectures.  
 Morris—Notes and Queries (on Pali words) (Bombay) (J.P.T.S.) 1885-87.  
 Satischandra Vidyabhushana—Grimm's Law. (Calcutta.)  
 Gune—Comparative Philology. (Poona.)

*Paper IV.*

- Rhys Davids—Buddhist India.  
 Rhys Davids—American Lectures.  
 Mrs. Rhys Davids—Buddhism.  
 Kern—Manual of Buddhism.  
 Spence Hardy—Manual of Buddhism.  
 Oldenberg—Buddha.  
 Hoernle—Manuscript Remains of Buddhist Literature found in Eastern Turkestan, Vol. I. (The translation and the notes only).

## GROUP A (LITERARY).

*Paper V.*

- (a) (1) Vessantara-jataka (Faushjoll No. 547).  
 (2) Kulagaka-jataka (31).  
 (3) Cullabodhi-jataka (443).  
 (4) Mahajanaka-jataka (539).  
 (5) Umagga-jataka (546).  
 (6) Temiya-jataka (538).  
 (7) Mahasutasoma-jataka (537).  
 (8) Dasaratha-jataka (461).  
 (9) Ghata-jataka (454).  
 (10) Devadhamma-jataka (6).  
 (11) Vidura-pandita-jataka (545).  
 (b) All the Jatakas referred to in Bharaut sculptures so far as they have been identified (Rhys David's Buddhist India, p. 209).  
 (c) Dhammapada Atthakatha (P.T.S.), Vol. II.  
 (d) Petavatthu (P.T.S.), pp. 1-43.  
 (e) Introduction to Rhys David's Buddhist Birth Stories.

*Paper VI.*

Theri-Gatha with Paamattha—dipani. (Second half.)

Thera-Gatha (first-half).

Suttanipata—Ed. Faushjoll (pp. 1-99).

Visuddhimagga (Calcutta Buddhist Text Society).

Puggalapannatti (P.T.S.).

Milindapanho (*Menalakuppanha*, only pp. 90-188).

*Paper VII.*

1. Inscriptions of Asoka (Senart and Bühler).

2. Piprahwa Stupa Inscription (as in Lüder's List of Brahmi Inscriptions, No. 931).

3. Bharaut Stupa Inscriptions (as in Lüder's List, Nos. 678-903).

4. Sanchi Stupa Inscriptions (as in Lüder's List, Nos. 161-668).

## GROUP B (PHILOSOPHY).

*Paper F.*

Dhammasangani.

Tikapattana.

Kathavatthu (P.T.S.), Vol. I, pp. 1-103.

*Paper FI.*

Abhidhammattha Sangaha.

Netti.

Abhidhammavataara.

*Paper FII.*

Atthasālini (P.T.S.), pp. 1-136.

Vibhanga (P.T.S.), pp. 1-150.

Dhatukatha (P.T.S.), pp. 1-100.

## GROUP C. (EPIGRAPHY AND HISTORY)

*Paper F.*

Mahavamsa (Chs. 21-37, Geiger's edition).

Sasanavamsa (P.T.S.).

Dathavamsa (P.T.S.).

*Paper FI.*

(1) Inscription of Asoka.

(2) Hathigumpha Inscription of Kharavela.

(3) Ramgarh Cave Inscriptions.

*Paper FII.*

(a) Inscriptions of the Kshaharata and Satavahana Dynasties.

(b) Inscriptions of the Imperial Guptas.

*Paper VIII.*

Cunningham—Ancient Geography of India.  
Reports of the Archæological Survey of India about Taxila and Isipatana.

Yüan Chwang (Watters), 2 vols.

GROUP D (MAHAYANA LITERATURE AND PHILOSOPHY.)

*Paper I.*

Lalita Vistara.

Asvaghosha's Buddhacarita.

*Paper II.*

Madhyamika Sutra with Vritti of Chandrakirti.

Lankavatara Sutra (Calcutta Buddhist Text Society).

Sutralankara of Asanga, edited by Sylvain Levi.

*Paper VII.*

Nyayabindu Tika of Dharmottara (A.S.B.)

Sarvadarsanasangraha (portion dealing with Buddhism).

Mediæval School of Indian Logic (Buddhist Logic only) by

Mahamahopadhyay Dr. Satishchandra Vidyabhushan.

*Paper VIII.*

Thibaut—Sanskrit Grammar.

Macdonell—Sanskrit Grammar."

**RESOLVED—**

That the Proceedings be conformed.

Read the following Proceedings of the Board of Higher Studies in Sanskrit, dated the 9th December, 1918:

"The Board proceeded to nominate Examiners (Internal and External) for the M.A. Examination, 1919:

**RESOLVED—**

That the following Board of Examiners for the M.A. Examination in Sanskrit, 1919 be appointed:—

**SANSKRIT.**

1919.

**INTERNAL EXAMINERS.**

Babu Dhireschandra Acharyya, M.A.

„ Muralidhar Banerjee, M.A.

„ Radhagobinda Basak, M.A.

Prof. D. R. Bhandarkar, M.A.

Babu Kokileswar Bhattacharyya, M.A.

„ Pasupatinath Bhattacharyya, M.A.

„ Niranjana Prasad Chakrabarti, M.A.

„ Prabhatchandra Chakravarti, M.A.

„ Surendranath Majumdar, M.A.

„ Debendranath Ray, M.A.

Pandit Sakalnarayan Sarma.

Vedantabhisarad N. S. Anantakrishna Sastri.

Babu Asutosh Sastri, M.A.

Mahamahopadhyay Lakshman Sastri.

Rai Rajendrachandra Sastri, Bahadur, M.A.

Pandit Sitaram Sastri.

„ Hargovinda Das Sheth.

Prof. I. J. S. Taraporewala, B.A., Ph.D.

Mahamahopadhyay Pramanathanath Tarkabhushan.

Pandit Krishnacharan Tarkalankar.

„ Rajendranath Vidyabhushan.

Mahamahopadhyay Dr. Satishchandra Vidyabhushan, M.A.,  
Ph.D.

#### EXTERNAL EXAMINERS.

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I.

Mahamahopadhyay Kaliprasanna Bhattacharyya, M.A.

Babu Bhagabatkumar Sastri, M.A.

„ Nalinimohan Sastri, M.A.

„ Lakshminarayan Chatterjee, M.A.

M. M. Ry. Kupuswami Sastri Aiyangar, M.A.

Mahamahopadhyay Dr. Ganganath Jha, M.A., D.Litt.

Dr. P. D. Gune, M.A., Ph.D.

„ V. A. Sukhtankar, M.A., Ph.D.

„ S. K. Belvalkar, M.A., Ph.D.

„ T. K. Laddu, B.A., Ph.D.

#### RESOLVED—

That the Board recommend that the following text books be prescribed for the M.A. Examination in Sanskrit for the year 1921 :

#### SANSKRIT.

1921.

The course shall include the following :—

(The books prescribed for the first four papers are common to all the groups.) \*

*Paper I.*—(a) Ashtaka II of the Rigveda with Sayana's commentary thereon.

(b) Sayana's Instruction to his commentary on the Rigveda.

*Paper II.*—Siddhanta-Kaumudi (whole).

*Paper III.*—(a) and (b) Elements of Comparative Philology with special reference to the Indo-Iranian Languages and the growth of the Prakritic dialects. The following books are recommended :—

Breal, M.—Semantics (Translated by Mrs. Cust) (Heinemann,

Edmonds, J. M.—Comparative Philology (omitting ch. ix).  
 Macdonnell, A. A.—Vedic Grammar for Students (Oxford).  
 Strong, H. A., Logemann, W. S., and Wheeler, B.T.—  
 Introduction to the Study of the History of Language (Longmans).

Sweet, H.—The History of Language (Dent.)

Tucker, T. G.—Introduction to the Natural History of Language (Blackie).

Uhlenbeck, C. C.—A Manual of Sanskrit Phonetics (Luzac).

Whitney, W. D.—Sanskrit Grammar (Trübner).

\*Encyclopaedia Britannica (11th Edition): The article on Philology.

Hastings' Encyclopaedia of Religion: The article on Aryan Religion.

\*Gune Introduction to Comparative Philology. (Poona.)  
 Sabdasaktiprakashika... Karikas Nos. 2, 3, 4, 12-14, 16-18, 20,  
 29, 31, 33, 54, 56, 58, 60, 61, 67, 95.

*Paper II*.—Two essays—(a) dealing with some subject connected with the history of Sanskrit literature generally; (b) dealing with some subject connected with the history of the special department covered by the group taken up.

*Papers V, VI, VII and VIII*.—One of the following groups to be selected by the candidate:—

#### A (LITERATURE.)

*Paper V*.—(a) Poetry Texts:—

Naishadha Charita ... Canto 15, with Mallinatha's commentary.

Kamandakiya Niti- (Jibananda's edition) Chapters 8, 9, 10 and 11 (pages 37-62).

Sukra Nitisara ... (Jibananda's edition) Chapter 4 (pages 507-670).

Mahabharata ... Rajadharma, Santiparva, Chapters 56-60, 68, 69, 86-88 (Pratap Ray's edition).

Bharavi ... Canto 17, with Mallinatha's commentary.

(b) Translation from English into Sanskrit.

*Paper VI*.—(a) Drama Texts: Vikramorvasi, Mrichchhakatika, Venisanhara, Mahaviracharita, Karpuramanjari; Vararuchi's Prakrita Prakasa as is necessary for the appreciation of the Prakrit passages.

(b) Translation from English into Sanskrit.

*Paper VII*.—(a) Prose Texts: Vasavadatta. Harshacharita, Chapters 5 and 6.

(b) Unseen passages in Sanskrit Prose for translation into English.



*Paper VIII.*—(b) Rhetoric and Prosody, namely, Kavyapra-kasa, Ekavali, Sarasvati Kanthabharana, Sahitya-darpana and Chhandomanjari.

(b) Unseen passages in Sanskrit Poetry for translation into English.

#### B (VEDAS).

*Paper V.*—Yaska's Nirukta and Pingala's Chhandahsutrās with Halayudha's Vritti Pratisakhya of the Rīgveda, with the commentary of Uvata.

*Paper VI.*—(a) Aitareya Brahman with Sayana's commentary.

(b) Simple unseen passages in Vedic Sanskrit for translation into classical Sanskrit.

(The interpretations of any recognised Indian School will be accepted.)

*Paper VII.*—(a) Brihadaranyaka, Chapters III and IV. Chhandogya, Chapters V, VI, VII and VIII.

(b) Simple unseen Sanskrit passages from any Upanishad for translation into English.

*Paper VIII.*—(a) Grihya-Sutra—Gobhila with commentary.

(b) Translation from English into Sanskrit.

#### C (MIMANSA AND SMṚITI).

*Paper V.*—(a) Mimamsa Sutra with Sabara Bhashya, first six chapters.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Mimamsa Philosophy, such as the Sloka-Vartika and the Tantra-Vartika, for translation into English.

*Paper VI.*—(a) Jāmīniya Nyāya Mālā Vistara and Mimamsa Nyayaprakasa.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Mimamsa Philosophy, such as the Mimamsa-Balaprakasa, and the Tūptika, for translation into English.

*Paper VII.*—(a) Manu Samhita with Kulluka's commentary Dharma Sūtras of Apastamba and Gautama with Haradatta's commentary.

(b) Grihya-Sutra—Gobhila.

*Paper VIII.*—(a) Yajñavalkya Samhita with Vijnānesvara's Mitakshara—Parasara's Institutes with Madhava's commentary.

(b) Translation from English into Sanskrit.

#### D. (VEDĀNTA).

*Paper V.*—(a) Vedāntasara (Jacob's edition), Panchadasi, Vedānta Paribhasha, Hastamalaka (with commentary), and Siddhāntaleśa.

(b) Simple unseen Sanskrit passages from any work on Vedānta Philosophy, such as the Vivaraṇaprameya-Saṅgraha for translation into English.

*Paper VI.—(a)* Vedantasutras with Sankara Bhashya.

*(b)* Translation from English into Sanskrit.

*Paper VII.—(a)* Sribhashya—Chapter I, Part I.

*(b)* Advaita-Brahma-Siddhi.

*Paper VIII.—(a)* Bhagavadgita and Chhandogya as in Group B; Munda, Mandukya, and Svetasvatara Upanishads with Sankara's commentary.

*(b)* Passages for translation into English from the Anubhashya and the Saivabhashya.

#### E (SANKHYA AND YOGA).

*Paper V.—(a)* Sankhyasutra of Kapila, with Vritti of Aniruddhi; Sankhya-Karika of Isvarakrishna, with Bhashya of Gaudapada.

*(b)* Simple unseen Sanskrit passages from any treatise or commentary on the Sankhya Philosophy for translation into English.

*Paper VI.—(a)* Sankhya Pravachana Bhashya; Sankhya-Sara; and Sankhya-Tattva Kaumudi.

*(b)* Translation from English into Sanskrit.

*Paper VII.—(a)* Yoga Sutras of Patanjali, with Bhashya of Vyasa and Vritti of Bhoja; Yoga Varttika of Vijnana-Bhikshu.

*(b)* Simple unseen Sanskrit passages from any treatise or commentary on the Yoga Philosophy for translation into English.

*Paper VIII.—(a)* Yoga Vasishtha—Chapter on Nirvana, Part II; Sarvadarsana-Sangraha.

*(b)* Translation from English into Sanskrit.

#### F (NYAYA AND VAISESHIKA).

*Paper V.—(a)* Nyayasutras of Gautama, with the Bhashya of Vatsyayana, Vartika of Udyotkara, and Vritti of Visvanatha.

*(b)* Simple unseen Sanskrit passages from any treatise or commentary on the Nyaya Philosophy for translation into English.

*Paper VI.—(a)* Nyayamanjari of Jayanta Bhatta. Khan-danakhandakhadya of Sriharsha—Chapter I.

*(b)* Translation from English into Sanskrit.

*Paper VII.—(a)* Bhasha Parichehheda, Siddhanta-muktavali, Kusumanjali of Udayanacharyya, with commentary of Ruchi-datta and gloss of Vardhamana.

*(b)* Translation from English into Sanskrit.

*Paper VIII.—(a)* Vaisesika Sutras of Kanada, with Bhashya of Prasastapada, Nyayakandali of Sidhara, and Vritti of Jayanarayana; Saptapadarthi of Sivaditya, with commentary of Yatindramadhava.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Vaiseshika Philosophy for translation into English.

#### G. (GENERAL PHILOSOPHY).

*Paper V.*—(a) Sankhyasutras of Kapila with Vritti of Aniruddha; Sankhya Tattva Kaumudi; Yogasutras of Patanjali with the Bhashya of Vyasa and Vritti of Bhoja.

(b) Simple unseen Sanskrit passages from any work on Philosophy for translation into English.

*Paper VI.*—(a) Nyayasutras of Gautama with Bhashya of Vatsyayana and Vritti of Visvanatha. Vaiseshikasutras of Kanada with Bhashya of Prasastapada, and Nyayakandai of Sridhara

(b) Translation from English into Sanskrit.

*Paper VII.*—(a) Vedantasara (Jacob's edition), Bhagavad-gita, Vedantasutras, with Sankara's commentary, Chapter I, Parts I and IV; Chapter II, Part II.

(b) Translation from English into Sanskrit.

*Paper VIII.*—(a) Nyayaratnamala of Parthasarathi Misra: Mimamsa Nyaya Prakasa of Apodeva. Upanishads—Isa, Kena, Katha, Prasna, Munda, Mandukya and Svetasvatara, with Sankara's commentary.

(b) Simple unseen Sanskrit passages from any work on Philosophy for translation into English.

#### H (PRAKRIT).

*Paper V.*—(a) Prasna Vyakarana and Vipakasutra.

(b) Translation from English into Sanskrit (or Prakrit, at the option of the candidate).

*Paper VI.*—(a) Prakrit portions of the following dramas:—Sakuntala, Vikramorvasi, Malavikagnimitra, Uttaracharita, Malatimadhava, Mahavira-Charita, Mrichchhakatika, Mudraraksasa, Ratnavali, Karpuramanjari, Venisanhara.

(b) Translation from Sanskrit into Prakrit.

*Paper VII.*—(a) Setubandha; Gaudavaha; Kumarapala-charita, together with a general knowledge of Prakrita Paingala.

(b) Simple unseen passages in Prakrit for translation into English.

*Paper VIII.*—(a) Prakrit Grammar as in Vararuchi's Prakrita Prakasa (Cowell), Chanda's Prakrita Lakshana (Hoernle), Hemachandra (Pischel).

Candidates are also expected to be familiar with the substance of Hoernle's Grammar of the Gaudian languages.

(b) Simple unseen passages in Prakrit for translation into Sanskrit.

## I. (EPIGRAPHY AND HISTORY).

*Paper V.*—(a) *Rajatarangini* and its continuation with Stein's introduction and commentary.

(b) Unseen passages in Sanskrit for translation into English.

*Paper VI.*—(a) Inscriptions of Asoka.

(b) Early Indian Alphabets.

*Paper VII.*—*epigraphia Indica*—

Vol. I, Inscriptions Nos. 1, 8, 11, 13, 35.

„ II, Nos. 8 and 17.

„ IV, No. 34.

„ V, Nos. 2 and 19.

„ VI, Nos. 1 and 14.

„ VII, No. 6.

„ IX, No. 31.

„ X, No. 15.

„ XII, Nos. 8 and 18.

Fleet ..... *Corpus Inscriptionum*—Nos. 1-18, 33-37.

*Prachina Lekhamala*—Lekhas 69, 79-80, 85, 92, 111 and 118.

*Paper VIII.*—(a) Ancient Geography of India.

(b) Translation from English into Sanskrit.

## RESOLVED—

That steps be taken to prepare and publish an introductory manual for the study of Prakrit, in connection with the preparation of Typical Selections in Prakrit and Pali, already sanctioned by the Senate.

Read the following note on the third paper in Sanskrit by Dr. Taraporewala :

“I believe that there is a general consensus of opinion, both among the students as well as the Professors that the *Sabdasaktiprakasika*, a book of the Navyanyaya school of thought has very little, if at all, to do with Philology as such. I therefore suggest that it be entirely dispensed with and that in its stead *one* of the following alternative courses be prescribed :—

A. A short history of the Systems of Sanskrit Grammar.

Text book : Belvalkar, S. D. ... *Systems of Sanskrit Grammar* (Oriental Book Supplying Agency, Poona).  
or Goldstucker T. ... *Panini* (Reprint by the Panini Press, Allahabad).

B. A portion of the earliest Sanskrit Etymologist, Yaska.  
Text book : Niruktalaghuvivritti (Nirnayasagar Press, Bombay).

A portion of this 'or some similar book may be prescribed.

- C. Introduction to the Mahabhashya of Patanjali.  
Text book : The first Ahnika of the Mahabhashya, or some other suitable work.
- D. Pali Grammar (elementary) and text.  
Text book : Second Pali Course by J. Gray (Baptist Mission Press, Calcutta), and Dhammapada I—X.
- E. Prakrit Grammar (elementary) and text.  
Text book : Prakrita Prakasa of Vararuchi.  
Setubandha (selected portions).
- F. The Main Aryan and Non-Aryan Languages of India and their geographical and philological relations.  
Text book : Languages of India (from the Census Report of 1901) by G. A. Grierson.  
and Imperial Gazetteer of India, Vol. I, Ch. 7 and Vol. II, Ch. 11.
- G. The History of Writing.  
Text book : Clodd, E. The story of the Alphabet.
- H. Comparative Syntax of Vedic and Classical Sanskrit.  
Text book ; Macdonell's Vedic Grammar for Students, paras. 184-218.  
and a book of illustrative selections from the Veda like one of the two *Series of Hymns from the Rigveda* by Peterson or the *Vedic Reader* by Macdonnell.
- I. Urgeschichte with special reference to Vedic Religion and Mythology.

Text book : Schrader, O. ... Die Indogermanen. (This is the best book I know on the subject which is suited for our purpose, but for the use of our students it will have to be translated and adapted to the needs of Sanskrit knowing people of this country)."

Read also the following note by Babu Prabhatchandra Chakrabarti, on the study of the "Śabdaśaktiprakāśikā" as affording data of Philological investigations, specially the "Morphology of Speech :"

"Though a treatise characterised all throughout by subtle discussions like other works on the same line, the "Śabdaśaktiprakāśikā" evinces a learned attempt towards both linguistic and grammatical speculations as absorbing the keen attention of the Indian thinkers belonging to the Navya-Nyāya school. We should, however, make allowance for such unavoidable fondness for subtlety, as is exhibited by the work in question, from the consideration that it owes its origin to that erudite Sanskrit scholar who is unanimously exalted to be one of the greatest Naiyāīker. So far

as our linguistic vision is permitted to proceed through the labyrinthine mass of niceties wherewith the book makes appearance before us, we are quite sure that we will not be far from truth if we make the assertion that it contains some topics, though grammatical in forms, which really involve philological interests. It is almost a truism that the linguistic materials provided by the "Śabdasaktiprakasika", if methodically arranged and supplemented by references from cognate works, (Mahābhāṣya, Nirukta, Śaktivāda, and Vākya-pāṭīya), will be sufficient enough to constitute a regular Science of Sanskrit Language, at least, in our acceptance of the expression. Attention is particularly drawn to the fact that when we prefer to place the "Śabdasaktiprakāsika" on the level of Philological works, we necessarily imply that it should be taught not from the standpoint of the Navya-Nyaya, but only as furnishing materials for philological discourses.

The following are references to the Karikas that involve philological interests:—

(1) The Karika No. 2. sheds some lustre upon the author's view regarding the power of speech. Importance of words involving Expectancy, Compatibility and Proximity in presenting an exact image of the object denoted by them.

(2) The Karika. 3. The cognition of meanings from words having mutual compatibility is distinguished from both perceptual and inferential knowledge. Words as a source of knowledge.

(3) Karika. 6. Words having meanings (सार्थक शब्द) are alone held to be capable of producing the (शब्दबोध) or verbal cognition. Their nature and divisions into bases, suffixes and indeclinables.

(4) Karika. 12. The so-called (शब्दबोध) is generated only when Sarthakas (सार्थक) enter into combination with one another in such a way as to constitute a sentence—the unit of significant speech. This is harmonious with the view of the modern philologists who maintain that language started with sentences.

(5) Kārika. 13. Definition of sentence. It is really interesting to take notice of the arguments by which Jagadisha has refuted the definition of sentence as suggested by the lexicographer Amarasingha. The structure of the sentence and the grammatical relations in which its different parts stand to one another. Com. The Morphology of Speech.

(6) Kārika. 14. The principle underlying the classification of the base (प्रकृति) The theory of "the reducibility of words to roots" as expounded by Jaska is to be discussed in this connexion.

(7) Kārika. 16. Various forms of Nāmans (नाम).

(8) Kārikas. 17. 18. Four-fold division of words as denoting genus, individuals, quality, and actions. Nature of Convention (सङ्केत) Division of technical terms (संज्ञा) Two kinds of conventions-eternal and modern.

(9) Kārika. 20. Various sources of (शक्तिग्रह) or cognition of verbal significance.

(10) Kārikas. 29. The classification of (यौगिक) into Samāsa Taddhita, and Kridanta indicated the processes of forming Primary Nominal bases and Verbal derivatives.

(11) Kārikas. 31. 33. The Principle of brevity as illustrated by the Samasas. The principles on which Samasas are variously classified.

(12) Kārika. 54. Determination of genders depends on applications.

(13) Kārikas. 56. 58. Nature of roots and their divisions.

(14) Kārikas. 60. 61. 95. Sanskrit Language is by far the richest one in point of inflections. Divisions of formative elements into (सुप्) and (तिङ्).

(15) Kārika. 67. Importance of verbs in the conception of Kārikas.

If formal Logic is said to be based on language, as Sayce maintains, then we are entitled to say without any hesitation that the "Śabdaśaktiprakāśika" dealing, as it does, with logical aspects of grammar, is, in fact, a treatise on linguistic science".

Read further a letter from Babu Radhagobinda Basak proposing the inclusion, in the list of text books, of Bhasavritti of Purushottamdeva (recently published by the Varendra Research Society, Rajshahi).

RESOLVED—

That the entire question of revision of the Syllabus for the M.A. Examination in Sanskrit be taken up at an early date."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Comparative Philology, dated the 9th December, 1918.

"The Board proceeded to nominate Examiners (Internal and External) for the M.A. Examination, 1919.

RESOLVED—

That the following Board of Examiners for the M.A. Examination in Comparative Philology be appointed:

## COMPARATIVE PHILOLOGY.

1919.

## INTERNAL EXAMINERS.

Dr. I. J. S. Taraporewala, B.A., Ph.D.

Mr. B. C. Majnmdar, B.A.

Mr. S. K. Chatterjee, M.A.

## EXTERNAL EXAMINERS.

Mahamahopadhyay Dr. Satishchandra Vidyabhushan, M.A.,  
Ph.D.

Mr. P. C. Ghosh, M.A.

Dr. Mark Collins, Ph.D.

Dr. S. K. Belvalkar, M.A., Ph.D.

Mr. B. T. Anklesaria, M.A.

Dr. P. D. Gune, M.A., Ph.D.

## RESOLVED—

That the following text books for the M.A. Examination in Comparative Philology for the years 1920 and 1921 be prescribed :

## COMPARATIVE PHILOLOGY.

1920 AND 1921.

*Paper I.*

- |                                      |                            |   |
|--------------------------------------|----------------------------|---|
| Tucker T. G.                         | ...                        | Introduction to the Natural History of Language (Elackie), Chapters 1, 4 to 10 and 16.            |
| Strong H. A.,<br>W. S., and<br>B. I. | Logeman<br>and<br>Wheeler, | Introduction to the Study of the History of Language (Longmans), Chapters 1, 2, 4, 5 and 9 to 15. |
| Oertel H.                            | ...                        | Lectures on the Study of Language (Ed. Arnold), Lectures 1 to 3 and 5.                            |
| Stout G. F.                          | ...                        | Manual of Psychology, 3rd Edition (London University Tutorial Press), Book IV, Chapter V.         |
| Delbrück B.                          | ...                        | Introduction to the Study of Language, translated by Humboldt (Ginn).                             |
| Jackson A. V. W.                     | ...                        | Philology (A pamphlet published by the Columbia University Press).                                |
| Belvalkar S. K.                      | ...                        | Systems of Sanskrit Grammar (Oriental Book Supply Agency, Poona).                                 |
| Gune P. D.                           | ...                        | Introduction to Comparative Philology (Oriental Book Supply Agency, Poona), p.p. 1-159.           |



- Breal M. ... ... Semantics, translated by Mrs. H. Cust (Heinemann).
- Giles P. ... ... Manual of Comparative Philology (Macmillan) Paras 1-65.
- Encyclopædia Britannica, 11th edition. Articles on Grammar, Philology and Significs.
- Sweet H. ... ... History of Language (Dent).  
*Paper II.*
- Tucker ... ... Chapters 2, 3 and 12 to 16.
- Strong, Logeman and Wheeler. Chapters 3 and 11.
- Oertel ... ... Lecture 4.
- Noel-Armfield G. ... ... General Phonetics (Heffer).
- Clodd E. ... ... Story of the Alphabet (Geo. Newnes)
- Fleet J. ... ... Translation of Bühler's Indische Palacographie, reprinted from the Indian Antiquary.
- Macdonnell A. A. ... ... A Vedic Grammar for Students (Oxford), Paras 1-69.
- Whitney W. D. ... ... Sanskrit Grammar (Trübner), Paras 1-260 and 591-598.
- Uhlenbeck C. C. ... ... Manual of Sanskrit Phonetics (Luzac).
- Jackson A. V. W. ... ... Avesta Grammar (W. Kohlhammer, Stuttgart), Paras 1-218.
- Wright J.... .. A Comparative Grammar of the Greek Language (Oxford), Paras 28-232 ; the portions not dealing with Sanskrit may be omitted.
- Giles ... ... Paras 66-115, 130-181 and 249-265.
- Encyclopaedia Britannica Articles on Accent, Alphabet, Phonetics and Writing.
- Majumdar, Surendranath Syllabus of a Course of Lectures on Indian Palacography (Calcutta University).
- Paper III.*
- Strong, Logeman and Wheeler. Chapters 19 and 20.
- Macdonnell ... ... Paras 70-183
- Whitney ... ... Paras 261-245. except those referring to Syntax as prescribed for Paper VI.
- Jackson Paras 219-900.
- Wright Paras 233-575 the portions not dealing with Sanskrit may be omitted.
- Giles Paras 275-330 and 406-452.

*Paper IV.*

Strong, Logeman <sup>2</sup> and Wheeler.	Chapters 22 and 23.
Tucker . . . . .	Chapter 17.
Encyclopaedia Britannica	Article on Slang.
Macdonnel. . . . .	As for Paper III.
Whitney . . . . .	As for Paper III.
Chattopadhyaya B. K. . .	Prakrita Prakasa (S. K. Lahiri, Calcutta).
Imperial Gazetteer of India	Vol. II, Chapter VI.
Muller E. . . . .	Pali Grammar (Trübner).
Bhandarkar R. G. . . .	Wilson Philological Lectures (Mrs. Radhabai A. Sagoon, Bombay), Lectures 1 and 2.
Gune . . . . .	p.p. 160-222.
Rhys Davids T. W. . . .	Buddhist India (T. Fisher Unwin), Chapters VII-X.

*Paper V.*

Bhandakar R. G. . . . .	Lectures IV.-VII.
Gune . . . . .	p.p. 223-252.
Encyclopaedia Britannica	Articles on Behari, Bengali, Gujarati, Hindi (Eastern), Hindi (Western), Hindustani, Marathi, Oriya, Pahari, Rajastani, Sindhi and Urdu.
Grierson G. A. . . . .	The Languages of India, being a reprint of the Chapter on Languages from the Report on the Census of India, 1901. (Government Printing Press, Calcutta). (N. B. From this book paras 1-21, 71-79 and 84-86 would be useful also for paper I.)
Imperial Gazetteer of India	Vol. II, Chapter XI.
Sen Dineshechandra . . .	History of Bengali Language and Literature. (Calcutta University Press).
Tagore, Rabindranath . .	Sabdatattva (Indian Publishing House, Calcutta).
Trivedi, Ramendra Sundara.	Sabdakatha (Sanskrit Press Depository, Calcutta).

(N. B.—The last three books are meant specially for those candidates whose mother tongue is Bengali. For those who

require the other languages of India, other books will be prescribed in their stead as need arises.)

*Paper VI.*

Apte V. S. ...	...	A Guide to Sanskrit Composition (Mrs. Radhabai A. Sagoon, Bombay).
Meedonnell ...	...	Paras 184-218.
Whitney ...	...	Paras 264-305, 486, 506, 507, 512, 572-582, 591-598, 776-779, 821-823. 926-930, 948-950, 960. 967, 980-988, 994-995, 999, 1040, 1072-1095, 1126-1130, 1240-1316.
Giles ...	...	Paras 331-342, and 539-600.
Pischel, R. ...	...	Grammatik der Prakrit Sprachen (Trübner), Part IV.
Strong, Logeman and Wheeler ...	...	Chapters 6-8 and 16-18.
Sen, Dineschandra ...	...	As for paper V.
Milne ...	...	Bengali Grammar.

(Books for other languages of India will also be prescribed instead of the last two as need arises.)

*Paper VII.*

Tucker ...	...	Chapter 11.
Encyclopaedia Britannica (Ninth Edition)		Article on Aryan.
Encyclopaedia Britannica (11th Edition)		Articles on Pahlavi, Persia, Zend-Avesta and Zoroaster.
Haug, M. ...	...	Essays on the Religion of the Parsis (Trübner).
Jackson ...	...	Introduction.
Hastings' Encyclopaedia of Religion and Ethics		Article on Aryan Religion.
Macdonnell A. A. ...	...	Vedic Mythology (Trübner).
Kanga K. E. ...	...	Khorddeh Avesta ba Maeni (Bombay), and Gatha ba Maeni (Bombay).
Avesta, Pahlavi and Ancient Persian Studies (In honour of the late Shams-ul-Ulama Dastur Peshotanji Behramji Sanjana)		Chapters I and IV.
Bertin G. ...	...	Languages of the Cuneiform Inscriptions (Trübner), Part V.

The following Avesta and Old Persian Texts are prescribed for 1920 :—

Ashem Vohū, Yathā Ahu Vairiyō, Kem Na Mazda.

Yasna : IX; XII, 1-9; XXVI, 1-10; LIV, LVII; and LX, 2-12;

Gathas : XXIX; XXX; XLIV; XLVII, 1; LI, 1; and LIII, 1;

Vendidad : II, 22-35; IV, 1-16, 44-49; VII, 36-44; X, 16-29; and XIX, 1-9, 15, 16, 27-33;

Behistun Inscription : Column I.

(N. B.—Most of these texts are to be found in the two books of Kanga mentioned above; for the Vendidad the text has been edited by Ervad E. K. Antia and published by the Trustees of the Parsi Panchayet, Bombay; and the text of the Behistun Inscription is to be found in the "Avesta Pahlavi and Ancient Persian Studies" mentioned above (p. 231-246). For the latter, the Candidates are not expected to read the Cuneiform text. The publication of a volume of this texts is under consideration by the University.)

*Paper VII (Alternative).*

- |                          |     |   |
|--------------------------|-----|---|
| Caldwell R.              | ... | Comparative Grammar of the Dravidian Languages, 3rd Edition (Kegan Paul). Introduction.               |
| Grierson G. A.           | ... | Linguistic Survey of India, Vols. I, II, III and IV Introductions only.                               |
| Hoffmann J.              | ... | Mundari Grammar (Government Press, Calcutta), Introduction.   |
| Encyclopaedia Britannica |     | Articles on Brahma Dravidian Languages, Kanarese, Malayalam, Mundas, Tamil, Telugu and Tibeto-Burman. |
| Aiyangar M. Srinivasa    |     | Tamil Studies, 1st Series (Guardian Press, Madras) Chapters 1-3, 6-8 and 12,                          |
| Kittle                   | ... | Kannada Dictionary (Basel Mission Press, Mangalore) Introduction.                                     |
| Konow S.                 | ... | Article on Dravidian Philology in Indian Antiquary, 1903.   |

The following books may be consulted with advantage:

*Paper I.*

- |             |     |  |
|-------------|-----|--|
| Stout G. F. | ... | Analytical Psychology (Geo. Allen) Vol. II, Chap. X. |
| Goldstucker | ... | Panini (Reprint by Panini Press, Allahabad).         |

- Wackernagel J. Altindische Grammatik Vol. I. (Vandenhoeck and Ruprecht, Göttingen) Introduction.
- Whitworth G. C. Indian English (Garden City Press Letchworth).  
(Oxford, 2nd edition.)
- The King's English  
Noire L. ... On the Origin of Language and the Logos theory (Open Court Publishing Co., Chicago).
- Jespersen O. Progress in Language (Sonnen-schein).
- Bechtel F. Die Hauptprobleme der indogermanischer Lautlehre seit Schleicher. (Göttingen, 1902).
- Brugmann K. Kurze vergleichende Grammatik der indogermanischen Sprachen (Trubner, Strasburg).
- Douzat A. ... La Philosophie du Langage (Ernest Flammarion, Paris.) Langage La vie du (Armand Colin, Paris).
- Lefevre A. ... Race and Language (International Scientific Series, London).
- Max Muller F. The Science of Language (2 Vols.) (Longmans) This though very readable has to be used with caution as it represents an antiquated view of the science.  
Three Lectures on the Science of Language (Open Court Publishing Co., Chicago).
- Meillet A. ... Les Dialectes Indo-Europeans (Ancienne Honoré Champion, Paris).  
Introduction à l'Etude Comparative des Langues Indo-Europeans (Hachette, Paris).
- Paul H. ... Prinzipien der Sprachgeschichte (Max Niemeyer, Halle a. S.).
- Prozezinski V. Einleitung in die Sprachwissenschaft (Trubner, Leipzig).
- Sayce. A. H. Introduction to the Science of Language (2 Vols.) (Trubner).
- S. C. Vidyabhusan Summary of Tattwa Chintamani (Sadbakhanda) (J. A. S. B.)  
Principles of Comparative Philology (Trübner).

- Whitney W. D. Language and its Study (Trubner).  
Life and Growth of Language  
(Trubner). Oriental and Lin-  
guistic Studies, 1st Series (Scrib-  
ners, New York) VII-XIII.
- Wundt W. Sprachgeschichte and Sprachpsycho-  
logie (Wilhelm Engelmann,  
Leipzig).
- Darbishire H. D. Reliquae Philologicae (Cambridge).  
Edmonds J. M. Comparative Philology (Cambridge).  
Bhandarkar Commemoration Volume (Oriental  
Book Supply Agency) Essays 29  
and 31.

*Paper II.*

- Mott F. W. ... The Brain and the Voice in Speech  
and Song (Harper).
- Thumb A. ... Handbuch des Sanskrit (Karl  
Winter, Heidelberg). Paras 1-218.
- Victor W. ... Elements of Phonetics; translated  
and adapted by Walter Rippmann  
(Dent).
- Whitney W. D. ... Oriental and Linguistic Studies, 2nd  
Series (Scribners).
- Darbishire ... Pt. II, 4-6.
- Gray L. ... Indo-Iranian Phonology (Columbia  
University Press).
- Hirt H. ... Der indogermanische Ablaut  
Der indogermanische Akzent  
(Trubner, Strasburg).
- Jespersen O. ... Lehrbuch der Phonetik (Teubner,  
Leipzig).
- Meringer R. ... Indogermanische Sprachwissenschaft  
(Sammlung Goschen, Leipzig).
- Reichelt A. ... Avestisches Elementarbuch (Karl  
Winter, Heidelberg) Paras 31-179.
- Taylor I. ... The Alphabet (2 Vols).
- Wackernagel ... Vol. I.
- Wechseler ... Gibt es Lautgesetze (Halle a.S.)
- Encyclopaedia Britannica Articles on Chinese Language  
Cuneiform, and Egyptian  
Language.
- Giles Herbert ... China and the Chinese (Columbia  
University Press), Chapter I.
- Macdonnell .. Vedic Grammar specially the treat-  
ment of the Accent.

*Paper III.*

- Thumb ... Paras 219-645.  
 Bartholomæ Chr. ... Handbuch der altiranischen Dialekte  
 (Breitkopf & Hartel, Leipzig).  
 Reichelt ... Paras 180-411.

*Paper IV.*

- Pischel R. ... Grammatik der Prakrit Sprachen  
 (Trubner, Strassburg).  
 Basu C. C. and Kar L. M. Asoka Anusasana (Metcalf Printing  
 Works, Calcutta).  
 Francke R. O. ... Pali und Sanskrit. Trübner.  
 Bhandarkar Commemo-  
 ration Volume ... Essay 11.  
 Bahechardas Jivaraj ... Prakita Margopadesika (Dharma-  
 bhyvdaya Press, Benares).  
 Grierson G. A. ... Linguistic Survey of India, Intro-  
 duction to the various Aryan  
 Languages of India.  
 Beames J. ... A Comparative Grammar of the  
 Modern Aryan Language of  
 India (Trubner).  
 Hoernle R. H. ... A Comparative Grammar of the  
 Gaudian Languages (Trubner).

Besides the above, special Grammars and texts of the various  
 Languages of India may be consulted, such as Kellogg for  
 Hindi, St. Clair Tisdall for Gujarati, Navalkar for Marathi,  
 Trumpp for Sindhi &c.

*Paper VI.*

- Beames ... As for Paper V.  
 Thumb ... Paras 646-700.  
 Speijer J. S. ... Sanskrit Syntax (Leyden)  
 Sanskrit und vedische Syntax  
 (Trubner, Strassburg).

*Paper VII.*

- Schrader O. ... Die Indogermanen (Quelle and  
 Meyer, Leipzig).  
 Sprachvergleichung und Urgeschichte  
 (Jena). This has also been  
 translated into English by Jevons  
 under the title "Prehistoric  
 Antiquities of the Aryan  
 Peoples".  
 Hirt H. ... Die Indogermanen (2 vols) (Trubner,  
 Strassburg).  
 Kaegi A. ... Der Rigveda (Trübner). Also  
 translated into English.

- Max Muller F. Comparative Mythology (2 vols.)  
(Longmans). Biographies of words  
and the Home of the Aryas  
(Longmans).
- Taylor I. Origin of the Aryans (Walter
- Whitney W. D. Oriental and Linguistic Studies (1st  
and 2nd Series) (Scribner).
- Darbishire Pt. I, 1, (6) and Pt. II, 2, (8).
- Bhandarkar Commemora- Essays 3, 7 and 8.  
tion Volume.
- Tilak B.G. ... Orion (Reprint by Ashtekar & Co.,  
Poona, 1916.)
- The Arctic Home in the Vedas  
(Rameshchandra Govind, Bombay).
- Haddon A. C. ... The Wanderings of Peoples  
(Cambridge).
- Bartholomae Chr ... As for Paper III.
- Darmesteter J. ... The Zend Avesta (Sacred Books of  
the East) Introduction.
- Tolman H.C. Ancient Persian Lexicon Cuneiform  
Supplement (American Book Co.,  
New York).
- Jackson A.V.W. .. Zoroaster  
Persia, Past and Present (The  
Macmillan Co., New York).

*Paper VII (Alternative.)*

- Hodgson B. ... Essays on the Languages, Litera-  
ture and Religions of Nepal and  
Tibet (London).
- Arden A.S. .... Progressive Grammar of the Telugu  
Language (S.P.C K. Press, Madras).
- Vinson J. ... Grammaire Tamoule.

The following second selection from Avesta and Old Persian  
Texts is prescribed for 1921.

Ashem Vohu, Yatha Ahu Vairyo, Vispa Humata, Namaskar  
of the Four Quarters and the Final Passage of all Afringans ;

Yasna : II, XX, and Haptanghaiti (XXXV-XLII) ;

Yasts: Gosh, Siroza II, and Vistaspa ;

Gathas XXVIII ; XXXI ; XXXIII, 12-14 and LI ;

Visparad. XV :

Vendidad: III, 23-29 ; VI, 44-51 ; VII, 36-44 ; XVIII,  
1-7, 14-28 ; and XXI ;

Behistun Inscription: Column IV.

(N.B.—The same remarks as applied to the "First Selection"  
apply in this case. The majority are contained in the books



prescribed in the list. The only passages which will have to be copied out of Geldner's Text are Visparad XV and Yasua II).

Read a letter from Dr. I. J. S. Taraporewala forwarding an estimate of the cost of printing a volume of "Selections from Avesta and Old Persian" by the Baptist Mission Press.

RESOLVED—

That the work be printed in an edition of 500 copies at an estimated cost of Rs. 2,750 as it would be of great assistance in the study of Comparative Philology."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in English, dated the 10th December, 1918.

"The Board proceeded to nominate Examiners (Internal and External) for the M.A. Examination, 1919.

RESOLVED—

That the following Board of Examiners be constituted for the M.A. Examination in English, in 1919 :

#### INTERNAL EXAMINERS.

Babu Jaygopal Banerjee, M.A.

„ Srikumar Banerjee, M.A.

„ Mohinimohan Bhattacharyya M.A.

„ Nalinimohan Chatterjee, M.A.

„ Sunitikumar Chatterjee, M.A.

„ Rabindramohan Datta, M.A.

„ Susilkumar De, M. A.

Mr. M. Ghosh, M.A.

Babu Praphullachandra Ghosh, M.A.

„ Rajanikanta Guha, M.A.

Mr. J. W. Holme, M.A.

Rev. A. B. Johnston, M.A.

Babu Herambachandra Maitra, M.A.

„ Bijaygopal Mookerjee, M.A.

Dr. Harendrakumar Mookerjee, M A., Ph.D.

Babu Saileswar Sen, M.A.

Dr. H. Stephen, M.A., D.D.

Mr. T. S. Sterling, M.A.

#### EXTERNAL EXAMINERS.

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I.

Mr. J. R. Barrow, M.A.

Mr. F. W. Sudmersen, M.A.

Rev. Dr. G. Howells M.A., Ph.D.

Rai Bahadur Lalitmohan Chatterjee, M.A.

Babu Satyendranath Bhadra, M.A.

„ Satischandra De, M.A.

Mr. R. C. Goffin, M.A.

Mr. S. G. Dunn, M.A.

Mr. T. O. D. Dunn, M.A.

**RESOLVED also—**

That in respect of the theses which may be submitted by candidates, groups of Examiners be appointed later on.

**RESOLVED—**

That the following text books be recommended for the M.A. Examination in English for the year 1921 :

**M.A. EXAMINATION 1921.**

**ENGLISH.**

**Common Papers for Groups A and B.**

**Paper I.—General History of English Literature.**

(No text-books)

**PAPER II.—DRAMA.**

Shakespeare	... King Lear
Aristophanes	... Clouds. tr. Rogers. (George Bell and Sons)
Calderon	... Such Stuff As Dreams Are Made Of Tr. Fitzgerald (Macmillan, Eversley Series).

**PAPER III.—POETRY.**

Virgil	... Aeneid, tr. Dryden, Books I and VI.
Milton	... Paradise Regained.
Swinburne	... Atalanta in Calydon.

**PAPER IV.—PROSE.**

Plato	... Trial and Death of Socrates (G. T. S. Macmillan)
Gibbon	... Decline and Fall of the Roman Empire, Chapters I—III.
Matthew Arnold	.. Culture and Anarchy.

**GROUP A**

*Paper V.—Chaucer and Outlines of Historical English Grammar.*

**(a) Text—**

Chaucer	... The Prologue to the Canterbury Tales : Legend of Good Women (including its prologue).
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**(b) Books recommended for study—**

Morris	... Historical English Accidence, Chapters I-IX.
Emerson	... History of the English Language.
Kellner	... Historical English Syntax.

*Paper VI.—Selected Period of Poetry.***Early Nineteenth Century Poetry (1798-1832).**

The undermentioned authors are recommended for special study in their chief works as specified below ; but candidates will not be expected to show a detailed knowledge of the texts named :—

- |            |   |
|------------|---|
| Wordsworth | ... Prelude, Books I, XII, XIII ;<br>Excursion, Book I ; Selections by<br>Matthew Arnold (Golden Treasury<br>Series). |
| Coleridge  | ... Selections by Stopford A. Brooke<br>(Golden Book of Coleridge).   |
| Byron      | ... Vision of Judgment ; Selections by<br>Matthew Arnold (Golden Treas-<br>ury Series).                               |
| Shelley    | ... Prometheus Unbound ; Selections by<br>Stopford A. Brooke (Golden Treas-<br>ury Series).                           |

Keats ... Hyperion ; Eve of St. Agnes ; Lamia.

Golden Treasury of Songs and Lyrics edited by Palgrave,  
Book IV.

Selections from English Poets edited by Ward, Volume IV.

*Paper VII.—Selected Period of Prose.**Early Nineteenth Century Prose 1798-1832.*

The undermentioned authors are recommended for special study in their chief works as specified below ; but candidates will not be expected to show a detailed knowledge of the texts named :—

- |             |   |
|-------------|---|
| Wordsworth  | ... Prefaces and Appendices (Oxford<br>Edition).                        |
| Scott       | ... Talisman ; Old Mortality ; Kenilworth.                              |
| Coleridge   | ... Biographia Literaria, omitting Chap-<br>ters 5-9 and 12.            |
| Lamb        | ... Essays of Elia.   |
| Landor      | ... Selections by Sidney Colvin (Golden<br>Treasury Series).            |
| Jane Austen | ... Pride and Prejudice.  |
| Hazlitt     | ... English Literature, edited by Zeitlin<br>(Oxford University Press). |
| De Quincey  | ... Selections by Bennett.  |
| Shelley     | ... Defence of Poetry.  |

*Paper VIII.—Essay or Essays on Subjects connected with the Course.*

GROUP B.

*Paper V.—English Language and Literature prior to 1100 A.D.*

Sweet ... Anglo-Saxon Reader, Part I, pages 1-174.

*Paper VI.—English Language and Literature from 1100 A.D. to 1500 A.D. (including Chaucer).*

Chaucer ... Canterbury Tales—Prologue; Knight's Tale; Clerk's Tale; Monk's Tale; Nonne Priest's Tale; Squire's Tale; Book of the Duchesse; Parliament of Fowls.

Morris and Skeat ... Specimens of Early English: Part I—The Owl and the Nightingale, Ancren Riwele, Havelok the Dane. Part II—Langland. Barbour.

Skeat ... Specimens of English Literature—Chevy Chase. The Nut Brown Maid. The Mirror for Magistrates.

The unseen passages set in this Paper will be restricted to portions of Chaucer and Langland not included in the set texts.

*Paper VII.—Historical English Grammar (including the Elements of Teutonic Philology).*

Books recommended for study—

Wyatt ... Old English Grammar.  
Morris ... Historical English Accidence.  
Kellner ... Historical English Syntax.  
Skeat ... Principles of English Etymology, 1st and 2nd Series.

*Paper VIII.—Essay or Essays on Subjects connected with the Course."*

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Pure Mathematics, dated the 11th December, 1918.

"The Board proceeded to nominate Examiners (Internal and External) for the M.A. Examination 1919.

RESOLVED—

That the Board of Examiners be constituted as follows

INTERNAL EXAMINERS.

Dr. Haridas Bagchi, M.A., Ph.D.

Babu Hariprasanna Banerjee, M.Sc.

Babu Satischandra Basu, M.A.  
 „ Indubhushan Brahmachari, M.A.  
 Dr. C. E. Cullis, M.A., Ph.D.  
 Babu Sasindrachandra Dhar, M.Sc.  
 , Surendramohan Ganguli, M.Sc.  
 , Satischandra Ghosh, M.A.  
 , Manoranjan Gupta, M.Sc.  
 , Narendrakumar Majumdar, M.A.  
 Dr. Syamadas Mookerjee, M.A., Ph.D.

## EXTERNAL EXAMINERS.

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I.  
 The Hon'ble Mr. R.P. Pranjpye, M.A.  
 Mr. B.M. Sen, M.A., B.Sc.  
 Rai Bahadur Abinaschandra Bose, M.A.  
 Mr- Phanindralal Gangooly, M.A.  
 „ R.H. Moody, M.A.  
 „ Gopalsingh Chowla, M.A.

## RESOLVED—

That the following text books be recommended for the M.A. Examination, 1921 :

## M.A. AND M.Sc. EXAMINATIONS. 1921.

## PURE MATHEMATICS

NOTE—It is to be understood that, in the following list of books, wherever a book is recommended for a subject, students are expected to read those parts of the book only which deal with that particular subject:—

## 1. Higher Algebra—

Chrystal ... Algebra, Part II, Chapters  
23-28, 32-34.

Wilczinski & Slaught ... College Algebra with appli-  
cations (Allyn & Bacon,  
New York).

## 2. Higher Plane Trigonometry—

Hobson ... Plane Trigonometry—

## 3. Spherical Trigonometry—

Casey ... Spherical Trigonometry.

Todhunter ... Spherical Trigonometry. (Ed. Leathem)

## 4. Theory of Equations and Algebra of Quantics—

Burnside and Panton ... Theory of Equations.

Glenn ... Theory of Invariants. (Ginn & Co.)

Elliott ... Introduction to the Algebra of  
Quantics.

## 5. Plane Analytical Geometry, including Higher Plane Curves—

Salmon ... Conic Sections.

- Salmon ... Higher Plane Curves.  
 Basset ... Treaties on Cubics and Quartrics.

6. Geometry of Surfaces—

- Salmon ... Geometry of Three Dimensions,  
 5th Ed., Vol. I. Chapters I-X.  
 Bell ... Analytical Geometry of Three Dimen-  
 sions.  
 Forsyth ... Differential Geometry, Chapters I-V.

7. Differential Calculus—

- Edwards ... Differential Calculus.  
 Williamson ... Ditto.  
 Goursat ... Mathematical Analysis, Vol. I. (Trans.  
 Hedricks) (Ginn & Co.).

8. Integral Calculus—

- Williamson ... Integral Calculus.  
 Todhunter ... Ditto.  
 Goursat ... Mathematical Analysis, Vol. I (Trans.  
 Hedricks) (Ginn & Co.).

9. Differential Equations—

- Forsyth ... Differential Equations.  
 Goursat ... Mathematical Analysis, Vol. II-Part  
 II (Trans. Hedricks) (Ginn & Co.)

10. Calculus of Variations—

- Byerly ... Introduction to Calculus of Variations  
 (Harvard University Press)  
 Bolza ... Calculus of Variations, Chapters  
 I-III.

11. (a) Theory of Functions—

Either of the following alternative courses:—

A

- MacRobert ... Functions of a Complex Variable  
 (Macmillan & Co.)  
 Townsend ... Functions of a Complex Variable  
 (Henry Holt & Co.).  
 Goursat ... Mathematical Analysis, Vol. II-Part  
 I (Trans. Hedricks) (Ginn & Co.)

B

- Hobson ... Theory of Functions of a Real Vari-  
 able, (omitting Chapter III.)  
 Huntington ... Continuum (Harvard University  
 Press).

(b) Theory of Groups—

- Miller, Blichfeldt and Dick-  
 son ... Finite Groups (John Wiley & Sons).  
 Burnside ... Theory of Groups.

- Klein ... Lectures on Icosahedron (Tr. Morrice)  
Part I only.
- Hilton ... Finite Groups (Oxford).
- Blichfeldt ... Finite Collineation Groups (Chicago  
University Press).
- Dickson ... Algebraic Equations.
- (c) Finite Differences and Calculus of Functions—
- Boole ... Finite Differences.
- Burn and Bron ... Ditto.
- Carmichael ... Calculus of Operations.
- Herschel ... Examples of Calculus of Finite  
Differences.
- Babbage ... Examples of Functional Equations.
- De Morgan ... Calculus of Functions.
- (d) Vector Analysis and Quaternions—
- Joly ... Quaternions.
- Hamilton ... Elements of Quaternions, (Ed.  
Joly,) Vol. I, Books I—II.

(e) Projective Geometry—

Either of the following alternative courses:—

A

- Mathews ... Projective Geometry.
- Durell ... Plane Geometry for Advanced  
Students, Vol. II.
- Cremona ... Projective Geometry.
- Hilbert ... Foundations of Geometry (Trans.  
Townsend) (Open Court Pub-  
lishing Co.).

B

- Frankland ... Theories of Parallelism (Cam-  
bridge University Press).
- Lobachevski ... Theory of parallels (Trans. Halsted)  
(Open Court Publishing Co.).
- Bolyai ... Science Absolute of Space. (Trans.  
Halsted) (Open Court Publishing  
Co.).
- Bonola ... Non-Euclidean Geometry (Trans.  
Carslaw) (Open Court Publish-  
ing Co.).
- Carslaw ... Non-Euclidean Geometry and  
Trigonometry.
- Sommerville ... Non-Euclidean Geometry.
- Manning ... Geometry of Four Dimensions.
- (f) Theory of Numbers—
- Reid ... Theory of Algebraic Numbers.

Mathews	...	Theory of Numbers.
Smith	...	Reports on the Theory of Numbers (Collected papers, Vol. I, pp. 38-364).
Dedekind	...	Essays on the Theory of Numbers (Trans. Beman) (Open Court Publishing Co.).
Huntington	...	Continuum (Harvard University Press).
Cantor	...	Transfinite Numbers translated by P.B. Jourdain (Open Court Publishing Co.)."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Mental and Moral Philosophy, dated the 11th December, 1918 :

"The Board proceeded to nominate Examiners (Internal and External) for the M.A. Examination, 1919.

**RESOLVED—**

That the Board of Examiners be constituted as follows :—

**INTERNAL EXAMINERS.**

Mr. Jnanranjan Banerjee, M.A.  
 Babu Haridas Bhattacharyya, M.A.  
 „ Krishnachandra Bhattacharyya, M.A.  
 Mr. Praphullakumar Chakrabarti, M.A.  
 Babu Kalidhan Chatterjee, M.A.  
 „ Satishchandra Chatterjee, M.A.  
 Rev. G. Ewan, M.A.  
 Dr. Hiralal Haldar, M.A., Ph.D.  
 „ Ramdas Khan, M.A., Ph.D.  
 Babu Susilkumar Maitra, M.A.  
 „ Ambikacharan Mitra, M.A.  
 „ Khagendranath Mitra, M.A.  
 Dr. Adityanath Mookerjee, M.A. Ph.D.  
 „ Prabhu Dutt Shastri, M.A., Ph.D., B.Sc.  
 Dr. Brajendranath Seal, M.A., Ph.D.  
 Dr. Narendranath Sengupta, M.A., Ph.D.  
 Dr. W. S. Urquhart, M.A., D. Phil.

**EXTERNAL EXAMINERS.**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I.  
 Dr. P. K. Ray, D.Sc.  
 Dr. H. Stephen, M.A., D.D.  
 Dr. G. R. T. Ross, M.A., D. Phil.



Mr. G. Langley, M.A.

The Hon'ble Mr. Justice G. C. Rankin, M.A.

Mr. B. C. Ghose, M.A., M.B., C.M.

RESOLVED—

That the following text-books be recommended for the M.A. Examination for the year 1921:

# MENTAL AND MORAL PHILOSOPHY.

1921.

## *Paper I.—History of Ancient European Philosophy.*

The following books are recommended:—

Ueberweg	...	History of Philosophy.
Caird	...	Development of Theology in the Greek Philosophers.
{ Zeller	...	Plato.
		or
{ Zeller	...	Aristotle.
		or
Gomperz	...	Greek Thinkers, Vol. IV.
Bakewell	..	Sourcebook in Ancient Philosophy (Scribner).

Students will be expected to have a special knowledge of the system of Plato or Aristotle and to show an acquaintance with the following special texts:

*Either*

PLATO'S REPUBLIC

*or*

Aristotle's Metaphysics.

## *Paper II.—Mediæval and Modern European Philosophy*

The following books are recommended:—

Erdmann	...	History of Philosophy, Vol. II.
		or
Adamson	...	Development of Modern Philosophy.
De Wulf	...	Scholastic Philosophy.
De Wulf	...	History of Mediæval Philosophy (Longmans).
Rand	...	Modern Classical Philosophers (Constable).
Perry	...	Present Philosophical Tendencies.
Hume	...	Inquiry concerning Human Understanding.
Watson	...	Philosophy of Kant as contained in extracts from his own writings.

*Paper III.—Outlines of Indian Philosophy.*

The following books are recommended :—

Max Muller	...	Six Systems of Indian Philosophy.
Deussen	...	Philosophy of the Upanishads.
Rhys Davids	...	Indian Buddhism (Hibbert Lectures).
Madhavacharyya	...	Sarvadarsana Sangraha (Cowell and Gough). [Charvaka, Buddha, Arhata, Ramanuja, Vaisesika, Nyaya, Sankhya and Patanjala Systems.]
Sankara	...	Commentary on the Vedanta Sutas Second Adhyaya, Padas I and II only (Thibaut).
Ramanuja	...	Commentary on the Vedanta Sutas, Introduction and the first Sutra, Pada I, Adhyaya I.
Seal, B. N.	...	Positive Sciences of the Hindus [Chapters I (pp. 1-56). VI. (pp. 218-219), and VII].

*Papers IV—VI.—(i) Psychology.*

## PREPARATORY READING.

Macdougall	...	Physiological Psychology.
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The following books are recommended —

James	...	Principles of Psychology.
Wundt	...	Outlines of Psychology.
Stout	...	Analytic Psychology.
Lloyd Morgan	...	Comparative Psychology.
Kulpe	...	Outlines of Psychology.
Villa	...	Contemporary Psychology.
Rand	...	Classical Psychologists.

*(ii) Logic.*

Students are allowed to take up any *one* of the following two alternative courses in Logic :—

(a) Logic as Epistemology and Inductive Logic or Methodology.

(b) Logic as Metaphysics and Dialectic.

The following books are recommended :—

(a) *Logic as Epistemology or Methodology.*

Lotze	...	Logic.
Bosanquet	...	Logic.
Mill	...	System of Logic.
Hobhouse	...	Theory of Knowledge.

Venn	...	...	Emperical Logic.
Jevons	...	...	Principles of Science
Keynes	...	...	Formal Logic.
Encyclopædia of the Philosophical Sciences. Vol. I Logic (Macmillan).			

(b) *Logic as Metaphysics and Dialectic.*

Kant	...	...	Critique of Pure Reason.
Fichte	...	...	The Science of Knowledge, translated by A. E. Troeger, with a preface by W. T. Harris. (Trubner & Co).
Wallace	...	...	"Logic of Hegel" and "Prolegomena."
McTaggart	...	...	Studies in Hegelian Dialectic.
Lotze	...	...	Metaphysics.

(iii) *Ethics and Social Philosophy.*

The following books are recommended :—

Green	..	...	Prolegomena to Ethics.
Sidgwick	...	...	Methods of Ethics and Short History of Ethics.
Wundt	..	..	Ethics.
Kant	...	..	Theory of Ethics (Abbott).
Sterrett	...	...	Ethics of Hegel.
Herbert Spencer	..	...	Principles of Sociology, Vols. I and II (Political Institutions only).
Giddings	...	...	Principles of Sociology.
Lester Ward	...	...	Dynamic Sociology, Vols. I and II.
Rand	..	...	Classical Moralists.

Students will be expected to show an acquaintance with *either* of the following texts :—

Aristotle's Ethics or Spinoza's Ethics.

(iv) *Philosophy of Religion.*

The following books recommended :—

Lotze	...	...	Outlines of the Philosophy of Religion.
Hegel	...	..	Philosophy of Religion (Spiers and Sanderson), Part I.
Pfleiderer	...	...	Philosophy and Development of Religion, Vol. I (Gifford Lectures).
Royce	..	...	The World and Individual (Both series).
Ward	...	...	Realm of Ends (Pluralism and Theism).

Ward ... Agnosticism and Naturalism.  
 Pringle Pattison , ... Idea of God (Gifford Lectures)  
 (v) *Special Branch of Indian Philosophy.*

Any one of the three following groups :—

(1) The Nyaya Sutras of Gautama with Bhashya of Vatsyayana.

Vartika of Udyotkara and Vritti of Visvanatha.

The Bhasha-Paricheheda with Siddhanta Muktavali.

The Kusumanjali of Udayana with commentary.

(2) The Sankhya Karika of Isvarakrishna with Sankhya Tattvakumudi of Vachaspati Misra.

The Sankhya Sutras with Sankhya Pravachana Bhashya of Vijnanabhikshu." \* \*

The Vedanta Paribhasha.

The Hastamalaka with commentary.

The Advaita Brahma Siddhi.

Sankara's commentary on the Vedanta Sutras (the first four Sutras and Adhyay II, Padas I and II).

Ramanujas's commentary on the Vedanta Sutras (Introduction and the first four Sutras).

(3) The Sutras of Kanada with Bhashya of Prasastapada and Nayakandali of Sridhara.

The Bhasha Paricheheda with Sidhanta Muktavali.

Nagarjuna's Madhyamika Karika with commentary.

The Nyayavindu with commentary.

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Experimental Psychology, dated 11th December, 1918.

"The Board proceed to nominated Examiners (Internal and External) for the M.A. Examination, 1919.

**RESOLVED—**

That the Board of Examiners be constituted as follows ;—

**INTERNAL EXAMINERS.**

Babu Manmathanath Banerjee, M.Sc.

,, Haridas Bhattacharyya, M.Sc.

,, Girindrashekhar Bose, M.Sc., M.B.

Mr. B. C. Ghose, M.A., M.B.

Dr. Brajendranath Seal, M.A., Ph.D.

Mr. Khagendranath Mitter, B.A.

Dr. Narendranath Sengupta, M.A., Ph.D.

**EXTERNAL EXAMINERS.**

Mr. S. C. Mahalanobis, B.Sc., F.R.S.E.

,, Haripada Maiti, M.A.

**RESOLVED—**

That the following text books be prescribed for the M.A. Examination for the year 1921 :

**M.A. AND M.Sc. EXAMINATIONS, 1921.****EXPERIMENTAL PSYCHOLOGY.****Paper I.—Physiological Psychology.**

Lickley	...	...	The Nervous System.
Greenwood	...	...	Physiology of the Special Senses (Selections).
Wundt	...	...	Physiological Psychology (Selections).
Ziehen	...	...	Physiological Psychology.
Titchener	...	...	Text Book of Psychology.
Myers	...	...	Text Book of Experimental Psychology.
Kulpe	...	...	Outlines of Psychology.
Wundt	...	...	Outlines of Psychology.
James	...	...	Principles (Selections).
Stout	...	...	Analytic Psychology (Selections).
Ladd and Woodworth	...	...	Elements of Physiological Psychology (Selections),
Rand	...	...	Classical Psychologists.

**Paper II.—Abnormal Psychology.**

Mercier	...	...	Text Book of Insanity.
Binet	...	...	Alternation of Personality.
Sidis	...	...	Psychology of Suggestion.
Sidis and Goodhart	...	...	Multiple Personality.
Prince	...	...	Dissociation of Personality.
"	...	...	The Unconscious.
Jung	...	...	Analytical Psychology.
Freud	...	...	Interpretations of Dreams.
"	...	...	Hysteria and other Psychoneurosis.
Hitschmann	...	...	Freud's Theory of Neurosis.

**Paper III.—Animal Psychology.**

Holmes	...	...	Evolution of Animal Intelligence.
Lloyd Morgan	...	...	Comparative Psychology.
Washburn	...	...	Animal Mind.
Thorndike	...	...	Animal Intelligence (Selections).
Loeb	...	...	Comparative Anatomy of the Brain and Comparative Psychology (Selections).
Romanes	...	...	Animal Intelligence.
Hobhouse	...	...	Mind in Evolution.

*Paper IV.—Child Psychology.*

Tredgold	...	Mental Deficiency.
Preyer	...	Mind of the Child, 2 Vols.
Pyle	..	Educational Psychology.
Foerbel	...	The Education of Man.
Montessori	..	Handbook.
Thorndike	...	Educational Psychology.
Tracy	...	Psychology of Childhood.
Practical work—		
Myers	...	Text-book of Experimental Psychology, Vol. II.
Titchener	...	Student's Manual—Qualitative and Quantitative.
Sanford	...	Experimental Psychology.
Whipples	..	Physical and Mental tests.

The Board proceeded to appoint a University Lecturer in Experimental Psychology in place of Babu Promodranjan Dasgupta, (appointed Deputy Magistrate.)

**RESOLVED—**

That Babu Haripada Maiti, M.A. be appointed University Lecturer in Experimental Psychology for a term of two years from 1st January 1919 on a salary of Rs. 200 a month.

Read an application from Babu Upendranath Bhaduri, who passed the F.A. Examination and read up to the First M.B. standard and worked as Assistant Demonstrator of Physiology for nearly two sessions in the Belgachia Medical College, praying that he may be appointed Laboratory Assistant in the Department of Experimental Psychology.

**RESOLVED—**

That no Laboratory Assistant be appointed at present.

Read a joint application from Babu Nripeschandra Das Purkayastha, Babu Kumudbandhu De and Babu Bimalacharan Ghosh, who passed the last M.A. Examination in Philosophy with Psychology as one of the optional subjects, praying that they may be allowed to appear at the M.A. Examination in Experimental Psychology in 1920 after going through the practical course only and further that the tuition fee fixed for the department may be reduced in consideration of the fact that they will not attend the theoretical classes.

**RESOLVED—**

That the applicants be allowed to work in the Laboratory on payment of a fee of Rs. 5 a month."

**RESOLVED—**

That the Proceedings be confirmed. ...

Read the following Proceedings of the Board of Higher Studies in History, dated the 12th December, 1918.

“The Board proceeded to nominate Examiners (Internal and External) for the M.A. Examination, 1919.

RESOLVED—

That the Board of Examiners be constituted as follows :

#### INTERNAL EXAMINERS.

Babu Gauranganath Banerjee, M.A.  
 „ Indubhushan Banerjee, M.A.  
 „ Pramathanath Banerjee, M.A.  
 „ Nirmalechandra Chatterjee, M.A.  
 Mr. J. N. Dasgupta, B.A.  
 Mr. A. C. Dutt, M.A., B.C.L.  
 „ S. Khuda Buksh, M.A., B.C.L.  
 „ Bejoykumar Sarkar, A.B.  
 Babu Bepinbihari, Sen, M.A.  
 „ Surendranath Sen, M.A.  
 „ Jogisichandra Sinha, M.A.  
 The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D.  
 Mr. Y. J. Taraporewala, B.A.  
 „ K. Zachariah, B.A.  
 Babu Dhireschandra Acharyya, B.A.  
 „ Narayanchandra Banerjee, M.A.  
 Dr. Benimadhab Barua, M.A., D.Litt.  
 Babu Radhagobinda Basak, M.A.  
 Prof. D. R. Bhandarkar, M.A.  
 Babu Harachandra Chakladar, M.A.  
 „ Phanindralal Ganguli, M.A.  
 Rai Bahadur B.A. Gupta, F.Z.S.  
 Babu Narendrakumar Majumdar, M.A.  
 „ Rameschandra Majumdar, M.A.  
 „ Surendranath Majumdar, M.A.  
 Pandit Babuya Misra.  
 Babu Hemchandra Raychaudhuri, M.A.  
 Mr. Arun Sen, B.A.  
 Babu Probodhchandra Sengupta, M.A.

#### INTERNAL EXAMINERS.

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I.  
 Prof. Ramsay Muir, M.A.  
 Babu Satischandra Ray, M.A.  
 „ Aswinikumar Mookerjee, M.A.  
 Prof. L. F. Rushbrook Williams, B.A., B.Litt.  
 „ S. Krishnaswami Aiyangar, M.A.  
 Mr. G. Anderson, M.A.  
 „ C. A. Storey, M.A.

Dr. Radhakumud Mookerjee, M.A., Ph.D.  
 Mr. F. Turner, M.A.  
 Mahamahopadhyay Dr. Satishchandra Vidyabhushan M.A.,  
 Ph.D.

Babu Adharchandra Mookerjee, M.A.

RESOLVED—

That the following text-books be recommended for the M.A. Examination in History for the year 1921 :

### M.A. EXAMINATION, 1921.

#### HISTORY.

The following are the selected periods and the following are the books (A) recommended for study and (B) named as books that may be referred to or consulted by candidates. Candidates are expected to possess a thorough acquaintance with the works marked with an asterisk :—

(A) Books recommended for study—

*Paper I.—Selected period of English History, from 1756 to 1815, excluding the History of British India.*

- |            |     |  |
|------------|-----|--|
| *Lecky     | ... | History of the Eighteenth Century.             |
| *Robertson | ... | England under the Hanoverians.                 |
| *Rose      | ... | Revolutionary and Napoleonic Era.              |
| Burke      | ... | Present Discontents ; Two Speeches on America. |
| *Roseberry | ... | Pitt.  |

*Paper II.—Selected period of Indian History, from 600 B.C.—900 A.D.*

- |   |     |   |
|---|-----|---|
| *Manu   | ... | Institutes (Translated by Bühler).        |
| *Kautilya   | ... | Arthaśāstra (Translated by R. Shama)      |
| Rangaswami Aiyangar                                       |     | Ancient Indian Polity.                    |
| Rhys Davids   | ... | Buddhist India.                           |
| V.A. Smith  | ... | Asoka.                                    |
| *R.G. Bhandarkar  | ... | Early History of the Deccan.              |
| *Krishnaswami Aiyangar                                    |     | Beginnings of South Indian History.       |
| *D. R. Bhandarkar   | ... | Carmichael Lectures—First Series.         |
| *Megasthenes  | ... | Indica.                                   |
| The Periplus of the Erythrean Sea (Translated by Schoff). |     |   |
| *Fa Hian  | ... | Travels (Translated by Legge).            |
| *Yuan-Chwang  | ... | Travels in India (Translated by Watters). |
| *V. A. Smith  | ... | Early History of India (Latest Edition).  |

(Students are expected to possess a general knowledge of the Ancient Geography of India).



*Paper III.—General History of the Ancient East.*

Breasted	...	History of Egypt.
Ditto	...	Development of Religion and Thought in Ancient Egypt.
Jastrow	...	Civilisation of Babylonia and Assyria.
King	...	History of Babylon.

*Paper IV.—Constitutional History of England.*

Stubbs	...	Constitutional History of England.
Hallam	...	Ditto Ditto.
Erskine May	...	Ditto Ditto.
Documents and Extracts illustrative of English Constitutional History (Calcutta).		

*Paper V.—International Law.*

Hall	...	International Law.
Wheaton	...	International Law (Ed. Phillipson).
Stowell and Munro	...	International Cases, 2 Vols.

*Papers VI and VII.—History of Islam.*

*Muir	...	Caliphate.
*Zeydan	...	Umayyadas and Abbasides.
*Khuda Buksh	...	Islamic Civilisation.
*Goldziher	...	Mohammed and Islam (Tr. Seelye) (Yale University Press).
Freeman	...	History and Conquest of the Saracens.
Gibbon	..	Decline and Fall of the Roman Empire, Chapters 50-52, 56-59, 64, 65, 67, 68.
Ameer Ali	...	History of the Saracens.
*Elphinstone	...	History of India.
*Elliott	...	Ditto.
*Ferishta	...	History of the Rise of the Moham- medan Power (Tr. Briggs).
*Babar	...	Memoris (Tr. Talbot).
*Owen	...	India on the eve of the British Conquest.
Owen	...	Fall of the Moghul Empire.
Keene	...	Ditto Ditto.
*Hitti	...	Origins of the Islamic State (Columbia University Press).
*Aghniaes	...	Mohammedan Theories of Finance (Columbia University Press).
*Cambridge Mediæval History, Vol. II, Chapters 10-12.		

*Special period of Indian History from 1765-1805.*

- \*Mill—History of British India, edited by Wilson (From Chapter VII of Book IV to the end of Book VI).
- Sir Alfred Lyall . The Rise and Expansion of the British Dominion in India.
- Malcolm . Political History of India.
- \*Owen . India on the eve of the British Conquest.
- Ramsay Muir . Making of British India.
- Ranade . Introduction to Peshwa Diaries.
- Keene . Fall of the Moghul Empire.
- \*Grant Duff . History of the Mahrattas.
- Bowring . Haidar Ali and Tipu Sultan (Rulers of India Series).
- R. C. Dutt . Economic History of India under the Early British Rule.
- Gholam Hossain Khan. Seir Mutaqherin—Sections XII, XIII and XIV.
- \*Forrest . Selections from State Papers, 1772-85 (Portions relating to the Rohilla War, Warren Hastings' relation with Nandakumar, Chait Sing and the Begums of Oudh).
- \*Owen . Selections from Wellesley Despatches.
- \*Fifth Report of the Select Committee on the affairs of the East India Company. Bengal Presidency, including Grant's Analysis.

*Economic History of England and India.*

- \*Cunningham ... Growth of English Industry and Commerce.
- \*Bowley ... History of England's Foreign Trade in the XIXth Century.
- Trail ... Social England, Vol. VI, Economic Section.
- Buxton ... Finance and Politics.
- \*Ashley ... Economic Organisation of England.
- Ascoli ... Early Revenue History of Bengal.
- Robinson ... East India Trade.
- Report of the Industrial Commission.
- Imperial Gazetteer of India, Vol. III and IV (Economic portions).
- History of Commerce in India, 1765-1918.

*Comparative Politics.*

- \*Kautilya ... Arthasāstra (Trans. Shama Sastri).
- Rangaswami Aiyangar... Ancient Indian Polity.

Pramathanath Banerjea	Public Administration in Ancient India.
*Aristotle	... Constitution of Athens (Tr. Poste).
Zimmern	... Greek Commonwealth.
*Coulanges	... Ancient City (Tr. Small).
Warde Fowler	... The City State of the Greeks and Romans.
Maine	... Ancient Law.
*Sidgwick	... Growth of European Polity.
*Freeman	... Comparative Politics.
Woodrow Wilson	... Constitutional Government.
*Lowell	... Governments of France, Germany and Italy.
Vincent	... Switzerland.
Wallace	... Government of England.
*Allen	... Evolution of Governments and Laws.
Ogg	... Government of Europe.

*Special period of European History—The French Revolution, 1789-94.*

*Cambridge Modern History, Vol. VIII.	
Mignett	... History of the French Revolution.
*Thiers	... History of the Great French Revolution.
De Tocqueville	... France before the Revolution.
*Acton	... Lectures on the French Revolution.
*Carlyle	... History of the French Revolution edited by Flecher or Rose.
*Burke	... Reflections on the French Revolution.
* Do	... Letters on Regicide Peace.
*Young	... Travels in France during the years 1787-89.
*Aulard	... Political History of the French Revolution.
Putzger	... Historical Atlas.

## ANCIENT INDIAN HISTORY AND CULTURE.

### COMPULSORY PAPERS.

#### (1) *General History of Vedic and Epic India.*

*Weber	... History of Indian Literature (pages 1—195).
*Macdonell	... History of Sanskrit Literature (Chaps. I—X).
*Hopkins	... The Great Epic of India.
*D. R. Bhandarkar	... Carmichael Lectures, First Series (1918).

- \*Muir ... Sanskrit Texts, Vol. V.  
 Kaegi ... R̥gveda.  
 Zimmer ... Altindisches Leben Book I, Ch. 4,  
 and Book II, Ch. I.

(2-3) *Political History of the post-Epic Period.*

- \*V. A. Smith ... Early History of India.  
 \*Bombay Gazetteer, Vol I.  
 Krishnaswami Aiyangar ... Ancient India.  
 Krishnaswami Aiyangar ... Beginnings of South Indian History.  
 \*Pargiter ... Dynasties of the Kali Age.  
 \*Inscriptions relating to Pāla and Sena Dynasties.  
 \*D. R. Bhandarkar ... Carmichael Lectures, First Series  
 (1918).  
 \*Stein ... Rājatarangini (Introduction only).

(4) *Historical Geography of Ancient India.*

- \*Cunningham ... Ancient Geography of India.  
 \*Periplus of the Erythrean Sea  
 \*Ptolemy ... Geography of India.  
 \*Watters ... Yuan Chwang.  
 Fleet ... Topographical List of Brihatsamhitā  
 (Indian Antiquary, 1893, pp. 169  
 —195).  
 Vivien de St. Martin ... Étude sur la géographie et les popula-  
 tions primitive du nord-ouest de  
 l'Inde d'après les Hymnes  
 Vedique.  
 Pargiter ... Translation of Mārkaṇḍeya Purāṇa  
 (Bhuvanakosa only).  
 Foucher ... Notes on the Geography of Gāndhāra.  
 \*Reports of the Archaeological Survey of India about Takshaśilā,  
 Isipatana, Vaisālī, Śrāvastī, Rājagṛiha and Kusināra.

OPTIONAL PAPERS.

I. ARCHÆOLOGY.

(1) *Epigraphy.*

- \*Inscriptions of Asoka.  
 \*Inscriptions of Khāravēla and Sātavāhana Kings.  
 \*Inscriptions of the Kshatrapa families.  
 \*Inscriptions of the Imperial Gupta Dynasty.

(2) *Fine Arts and Iconography.*

- \*V. A. Smith ... History of Fine Arts in India and  
 Ceylon.  
 \*Havell ... Indian Sculpture and Painting.  
 \*Gopinath Rao ... Elements of Hindu Iconography.  
 \*Grunwedel ... Buddhist Art.

(3) *Numismatics.*

- \*V. A. Smith ... Catalogue of the Coins in the Indian Museum. (Up to the end of the Gupta period).  
 \*Rapson ... Catalogue of Coins : Andhras, Western Kshhatrapas, etc  
 \*Allan ... Catalogue of Coins ; Gupta Dynasties.  
 \*Whitehead ... Catalogue of the Coins of the Punjab Museum, Lahore, Vol. I.

(4) *Ancient Architecture.*

- \*Fergusson ... History of Indian and Eastern Architecture. Vols. I—II.  
 \*Havell ... Ancient and Mediæval Architecture of India.

## II. SOCIAL AND CONSTITUTIONAL HISTORY.

(1—3) *Social and Economic Life and Administration.*

- \*Zimmer ... Altindisches Leben.  
 Rhys Davids ... Buddhist India.  
 \*Hillebrandt ... Ritualliteratur, Chaps. I—II (Grundris series).  
 \*Fick ... Die Sociale Gliederung in Nordöstlichen Indien.  
 Mrs. Rhys Davids ... Notes on Early Economic Conditions in Northern India (R. A. London, 1901, pp. 859-888) Economic Journal for 1901.  
 \*Kautilya ... Artha-Śāstra.  
 Rangaswami Aiyangar... Ancient Indian Polity.  
 \*Mahābhārata-Sāntiparva Sections 56-157.  
 Banerjea ... Public Administration in Ancient India.  
 \*Manu ... Institutes (trans. Bühler).  
 \*Gautama, Baudhāyana, Āpastamba and \*Vāśiṣṭha Dharma Sūtras. (Sacred Books of the East Series).  
 \*Alberuni ... India (omitting the mathematical details), trans. Sachau.  
 \*Periplus of the Erythræan Sea (trans. Schoff).  
 Rawlinson ... India and the Western World.  
 \*D. R. Bhandarkar ... Carmichael Lectures, First Series (1918).

(4) *Ethnology.*

- \*Keane ... Ethnology.  
 \*Baine ... Ethnography (the Grundris series).

- \*Risley Peoples of India.  
 \*Senart Castes in India (Indian Antiquary, 1912, pp. 101-114 and pp. 129-139).  
 Thurston Ethnographic Notes in Southern India (one Volume edition), pp. 101-114 and pp. 129-139.  
 \*D. R. Bhandarkar Foreign Elements in the Hindu Population (Indian Antiquary, 1911, pp. 7-37).  
 Ramaprasad Chanda The Indo-Aryan Races.  
 \*Rislay Manual of Anthropometry.  
 (Craniological Data from the Indian Museum, Calcutta).

### III. RELIGIOUS HISTORY.

#### *General.*

- \*Hopkins ... Religions of India (Hand book on the History of Religions Series).  
 \*Barth ... Les Religions de L'Inde et Bulletins des religions de L'Inde, Vols. I and II.

#### (1) *Vedic Religion.*

- \*Bloomfield ... Religion of Veda.  
 \*Macdonell ... Vedic Mythology.  
 \*Hillebrandt .. Ritualliteratur, Chaps. I, II and IV.

#### (2) *Epic and Pauranic Religions.*

- \*R G. Bhandarkar ... Vaiṣṇavism, Śaivism and Minor Religious Systems (omitting XIX-XXV of Part I).

#### (3) *Buddhism.*

- \*Rhys Davids .. American Lectures.  
 \*Mrs. Rhys David .. Buddhism.  
 \*Kern .. Manual of Indian Buddhism.  
 \*Spence Hardy .. Manual of Buddhism.  
 \*Oldenberg .. Buddha.  
 \*I-tsing .. Records of the Buddhist Religion (Takakusu).  
 \*Fa Hian .. Travels (Legge).  
 \*Warren .. Buddhism in Translations.  
 \*Hoernle .. Manuscript remains of Buddhist Literature found in Eastern Turkestan, Vol. I (the translations and notes only).

(4) *Jainism.*

- \*Jacobi Introduction and Translation of the Jaina Sūtras, Parts I & II (Sacred Books of the East, Vols. XXII & XLV).
- \*R. G. Bhandarkar Report on the Search of Sanskrit Manuscripts in the Bombay Presidency during the year 1883-4, pp. 91—157.
- \*Bühler On the Indian Sect of the Jainas (translated and edited with an outline of Jaina Mythology by Burgess).
- \*Vijayanandasuri Śrī-Jainatattvadarśa.

## IV. INDIAN ASTRONOMY AND MATHEMATICS.

(1) *Mathematics.*

Selected texts on Mathematics for critical, historical and comparative study :—

Sulva-Sūtras.

- \*Thibaut ... On the Sulva-Sūtras. J. A. S. B., Vol. 44.  
The Pandit, Vols. 9 & 10 (Old Series); Vols. 1 & 4 (New Series).
- Bürk ... Das Āpastamba Sulva-Sūtras. Z. D. M. G., Vols. 55 & 56.

(2) *Mathematics.*

History of Mathematics, with special reference to the works of Aryabhata I, Varaha Mihira, Brahmagupta, Aryabhata II, Mahavira, Sridhara and Bhaskaracharya.

The following books are recommended :—

- \*Aryabhatiyam ... Edited by Dr. Kern.  
Brahma-sphuta-siddhanta Edited by Pd. Sudhakara Dvivedi.  
Maharyya-siddhanta of Aryabhata II.
- \*Mahavira ... Ganita-sara-samgraha (Madras).  
Sridhara ... Trisatika edited by Pd. Sudhakara Dvivedi.
- Do. ... Edited by G. R. Kaye and K. Ramanujachariya.
- Lilavati and Vija-ganita Edited by Pd. Sudhakara Dvivedi.  
Ditto ... Edited by Pd. Radhaballabh Jyotish-tirtha.
- Lilavati ... Edited by H. C. Banerji.

\*Colebrooke ... Translation of the *Lilavati* and the *Vijaganita*, and the Chapters on Mathematics in the *Brahma-sphuta-siddhanta*.

*Rekha-ganita* of Jagannath of the court of Jaysimha, Vol. I, 1901 ; Vol. II, 1902. Bombay.

Smith, D. E. ... *Hindu-Arabic Numerals*.

Schubert, H. ... *Mathematical Essays and Recreations*, translated by T. J. McCormack.

(3) *Astronomy*.

Selected Text on Astronomy for critical, historical and comparative study :—

\*Suryya-Siddhanta.

Editions and Translations recommended :—

Suryya-Siddhanta ... Edited by Pd. Bapudev Shastri and Fritz E. Hall.

Suryya-Siddhanta ... Translated by Burgess & Whitney, J. Am. Orient. Society, Vol. VI.

Ditto ... Edited by Vijnanananda Swami.

(4) *Astronomy*.

History of Astronomy, with special reference to Jyotisha-Vedanga, Jaina Astronomy, the (modern) Suryya-siddhanta, and to the works of Aryyabhata I, Varaha Mihira, Brahmagupta, Aryyabhata II, Munjala, and Bhaskaracharya.

The following books are recommended :—

Jyotisha Vedanga ... By "Varhaspatya" (Lala Chhote Lal)

Yajusa Jyotisham ... By Pd. Sudhakara Dvivedi.

\*Thihbaut ... Contributions to the Study of the Jyotisha-Vedanga, J.A.S.B., 1877.

Do. ... On the Suryya-prajnapiti. J. A. S. B., 1880.

\*Aryyabhatiyam ... Edited by Dr. Kern.

\*Pancha-siddhantika ... Translated by Dr. Thibaut and Pd. Sudhakara Dvivedi.

\*Kern ... Preface to the Brihat-Samhita of Varaha Mihira (Collected Works, Vol. 4).

Brahma-sphuta-siddhanta Edited by Pd. Sudhakara Dvivedi.

Maharyya-siddhanta.

Munjala ... Laghumanasa.

Satananda ... Bhaswati.



- \*Bhaskara** Siddhanta Siromani, edited by Pd. Bapudev Shastri.  
**Do.** By Pd. Bapudev Shastri and Wilkinson.
- Sudhakara Dvivedi** ... Ganaka-tarangini.  
**Yogesh Chandra Ray** ... Amader Jyotisa O Jyotisi.  
**Siddhanta-sekhara of Jagannath** of the Court of Jaysimha.
- \*Bentley, J.** ... Hindu Astronomy.  
**Bailley, J. F.** ... Histoire de l'astronomie ancienne depuis son origine jusqu'a l'establishment de l'ecole d'Alexandria (1871).
- Playfair** ... (1) On the Astronomy of the Brahmans.  
 ... (2) On the Trigonometry of the Brahmans. Collected Works, Vol. III.
- \*Brennand** ... Hindu Astronomy.  
**\*Whitney** ... Oriental and Linguistic Studies (Series II, 1875) : The twelfth Essay. The Lunar Zodiac, on the views of Biot and Weber respecting the relations of the Hindu and Chinese systems of asterisms ; with an addition on Muller's views, etc.
- Max Muller** ... On Ancient Hindu Astronomy and Chronology (Preface to Rig Veda, Vol. 4).
- \*Thibaut** ... Grundriss der Indo-arischen Philologie, Vol. III, No. 9.  
 ... Articles in the "Indian Thought" on the History of Indian Astronomy.
- Bhau Daji** ... Literary Remains.  
**Tilak** ... The Orion.  
**Do.** ... The Arctic Home of the Vedas.  
**Jones** ... Articles on Indian Astronomy, Collected Works, Vol. I.
- Davis, S.** ... On Hindu Astronomy, As. Res. Vol. II.
- Montucla** ... Histoire des Mathematiques, Vol. I, Part I Book 3.
- Delambre** ... Histoire de Astronomie, Vol. I.  
**Marie** ... Histoire des Sciences Mathematiques et Physiques, Vol. II. (The Articles on Aryabhata, Brahmagupta, Bhaskara.)
- Cantor** ... Geschichte der Mathematik.

The Board next proceeded to select a subject for the Mrinalini Medal for research in Ancient Indian History and Culture (recently founded by Babu Adhar Chandra Mookerjee).

RESOLVED—

(1) That the following subjects be prescribed for the years 1919 and 1920 :

*SUBJECT FOR 1919.*

BENGAL UNDER SENA RULE.

*SUBJECT FOR 1920.*

International or Inter-State Law in Ancient India.

(2) That, as a general rule, the subject for the Medal be be announced two years in advance.

(3) That the following rules be adopted. :

(i) Each candidate shall be required to submit, not later the 31st October in the year for which the award is to be made, a thesis or record of original work in the subject selected for the year, and to send three typewritten or printed copies of his thesis or record of work, to the Secretary to the Post-Graduate Council in Arts, under a distinguishing motto. The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside.

(ii) Each candidate shall further be required to indicate generally in a preface to his thesis and specially in notes, the sources from which his information is taken, the extent to which he has availed himself of the work of others and the portions of the thesis which he claims as original. He shall also be required to state whether his research has been conducted independently, under advice, or in collaboration with others, and in what respects his investigations appear to him to tend to the advancement of knowledge.

(iii) A Board of Honorary Examiners consisting of not more than three experts shall be appointed by the Executive Committee on the recommendation of the Board of Higher Studies in History, to adjudicate upon the merits of the theses or records of original work submitted by the candidates. The award of the Board of Examiners shall be subject to confirmation by the Executive Committee and the Council of Post-Graduate Teaching in Arts.

Read Reports from some of the Examiners at the last M.A. Examination in History.

ORDERED—

To be recorded."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Political Economy and Political Philosophy, dated the 12th December, 1918.

"The Board proceeded nominate Examiners (Internal and External) for the M.A. Examination in Economics, 1919.

RESOLVED—

That the Board of Examiners to be constituted as follows :

#### INTERNAL EXAMINERS.

Dr. Pramathanath Banerjee, M.A., D.Sc.  
 Babu Pramathanath Banerjee, M.A.  
 „ Satischandra Chakrabarti, M.A.  
 „ Durgagati Chatteraj, M.A.  
 „ Rohinimohan Choudhury, M.A.  
 Mr. J. C. Coyajee, B.A., LL.B.  
 Babu Praphullachandra Ghosh, M.A., B.Sc.  
 Mr. C. J. Hamilton, M.A.  
 Mr. J. C. Kydd, M.A.  
 Babu Panchanandas Mookerjee, M.A.  
 „ Radhakamal Mookerjee, M.A.  
 „ Jitendraprasad Niyogi, M.A.  
 „ Satischandra Ray, M.A.  
 „ Krishnabinod Saha, M.A.  
 Mr. Surendramohan Sanyal, M.A., M.Sc.  
 Mr. Bejoykumar Sarkar, A.B.  
 Babu Bipinbihari Sen, M.A.  
 Mr. A. C. Sengupta, M.A.  
 Babu Jogischandra Sinha, M.A.

#### EXTERNAL EXAMINERS.

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I.  
 Prof. Stanley Jevons, M.A.  
 „ Gilbert Slater, M.A., D.Sc.  
 Mr. G. F. Shirras, M.A.  
 Mr. T. T. Williams, M.A., B.Sc.  
 Mr. E. A. Horne, M.A.  
 Mr. Percy Anstey, M.A.  
 „ Arthur Brown, M.A., LL.B.  
 „ R. N. Gilchrist, M.A.  
 Babu Bhujangabhushan Mookerjee, M.A.  
 Mr. K. Zachariah, B.A.

RESOLVED—

That the following text-books be recommended for the M.A. Examination in Economics for the year, 1921.

# POLITICAL ECONOMY AND POLITICAL PHILOSOPHY. 1921.

## PAPERS I AND II.—*General Economics*

*A. Marshall	...	Principles of Economics.
*Taussig	...	Principles of Political Economy.
Withers	...	Business of Finance.
*Bastable	...	International Trade.
Pigou	...	Wealth and Welfare.
Todd	...	Mechanism of Exchange.
Bartholomew and Lyde		Atlas of Economic Geography (for reference).

## PAPER III.—*General Principles of Political Philosophy.*

*Sidgwick	...	Principles of Politics.
J. S. Mill	...	Liberty.
*J. S. Mill	...	Representative Government.
*Green	...	Lectures on Political Obligations.
*Wiloughby	...	Nature of the State.
Hobhouse	...	Social Evolution and Political Theory.
Theory of the State		(Oxford Press).

## PAPER IV.—*Public Administration.*

*Lowell	...	Government of England.
*Dicey	...	Law of the Constitution.
*Bastable	...	Public Finance.
*Keith	...	Responsible Government in the Dominions.
Egerton	...	Rise and Growth of British Colonies.
P. Mukerjee	...	Indian Constitutional Documents.
Ayyangar	...	Indian Constitution.

Imperial Gazetteer of India—Vol. IV (Administrative).

Fifth Report of the Select Committee of the House of Commons, 1812 (Extracts and Documents published by the Calcutta University and Introduction to "Early Revenue History of Bengal," by Ascoli).

Fifth Decennial Report on Moral and Material Progress, 1913.

## GROUP A.

## PAPER V.—*General History of Economics.*

*Haney	...	History of Economic Thought.
Gide and Rist	...	A History of Economic Doctrines.
Meredith	...	Economic History of England (from the Industrial Revolution).
Cunningham	...	Progress of Capitalism in England.
*Lucas	...	Beginnings of English Overseas Enterprise.

*Malthus ...	...	Population (Selections, Economic Classic Series, Macmillan & Co.
*Ricardo ...	...	Political Economy (Selections, Economic Classic Series, Macmillan & Co.).
Adam Smith	...	Select Chapters from Wealth of Nations. (Economic Classics Series, Macmillan & Co.,

## PAPER VI AND VII.

*(i) The History, Theory and Present Systems of Banking and Currency.*

*Conant ...	...	Principles of Money and Banking.
Pierson ...	...	Principles of Economics, Vol. I, Part II (Money).
*Fisher .	.	Purchasing Power of Money.
*Dunbar .	.	History and Theory of Banking.
Burton .	..	Commercial Crises.
*Withers ..	..	Stocks and Shares.
Andreades ...	..	History of the Bank of England.
Layton ..	..	Introduction to Study of Prices.
Marshall's Evidence, Gold and Silver Commission, 1888.		
Report of the Royal Commission on Indian Currency and Finance, 1914.		

*(ii) History, Theory and Present Organisation of International Trade.*

Chapters bearing on the subject in Ricardo, J. S. Mill and Cairnes.

List ..	..	National System of Political Economy, Book II.
*Pigou ...	..	Protective and Preferential Import Duties.
Giffen ...	...	The Use of Import and Export Statistics (Essay IX in Vol. I of Economic Inquiries and Studies).
Goschen ...	...	Foreign Exchanges.
P. Ashley ...	...	Modern Tariff History.
Tausing ...	...	Tariff History of the United States.
Bowley ...	...	England's Foreign Trade in the XIXth century.
*Brown ...	...	International Trade and Exchange.
*Taussig ...	...	Aspects of the Tariff Question.
Clare ...	...	A. B. C. of Foreign Exchange.
Marshall ...	...	White Paper on Tariff Policy.

**Views of the Government of India on the Question of Preferential Tariffs 1904. Ed. 1913.**

**Review of the Trade of India (latest issue).**

*(iii) The Theory and Practice of Statistics, including Demography.*

*A. L. Bowley	...	Elements of Statistics.
*Giffen	...	Economic Inquiries and Studies, 2 Vols.
King	...	Statistical Methods.
Giffen	...	Statistics.
Bowley	...	Measurement of Social Phenomena.
Mayo Smith	...	Statistics and Economics.
*Yule	...	Introduction to Statistics.
Newsholme	...	Vital Statistics.

**The Jubilee Volume of the Royal Statistical Society.**

**British and Foreign Trade and Industries, being Memoranda, etc., prepared by the Board of Trade (commonly called the Fiscal Blue Books). Imperial Gazetteer, Vol. I, Chapters IX and X.**

**Moral and Material Progress of India—Decennial Edition, 1913.**

*(iv) Mathematical Economics.*

*Cunynghame	...	Geometrical Political Economy.
*Cournot	..	Mathematical Principles of the Theory of Wealth (Economic Classic Series, Macmillan & Co.).
*Jevons	...	Theory of Political Economy.
Marshall	...	Principles of Economics (Mathematical Appendices).
*Pantaleoni	...	Pure Economics.
Edgeworth	...	Mathematical Psychics.
Wicksteed	...	Alphabet of Economic Science.
*Wicksteed	...	Common Sense of Political Economy.

**Articles by Flux, Seager, Chapman, Pigou and Edgeworth in the Economic Journal (bearing on Mathematical Economics).**

**Pigou** ... **Wealth and Welfare.**

*(v) Elements of statistics and the Mathematical treatment of Economic Theory.*

Giffen	...	Statistics.
Mayo Smith	...	Statistics and Economics.
*Yule	...	Introduction to Statistics.
*Cunynghame	...	Geometrical Political Economy.

- \*Cournet ... Mathematical Principles of the  
Theory of Wealth (Economic  
Classic Series, Macmillan  
& Co.).
- \*Pantaleoni ... Pure Economics.
- \*Wicksteed ... Common Sense of Political Eco-  
nomy.

## GROUP B.

PAPER V.—*General History of Political Philosophy.*

Theories of the State contained in—

- \*Aristotle ... Politics.
- \*Hobbes ... Leviathan.
- \*Locke ... Second Treatise on Government.
- \*Rousseau ... Social Contract.
- Kant ... Principles of Politics (Hastie's  
translation of the four Essays  
on Political Theory).
- \*Bentham ... Fragment on Government.
- \*Dunning ... History of Political Theories.  
(a) Ancient and Mediæval.  
(b) From Luther to Monte-  
squieu.
- Burns ... Political Ideals.

## PAPERS VI AND VII.

*Comparative Study of Political Institutions.*

- \*Kautilya ... Arthashastra (Translation by  
Shama Sastri).
- Rangaswami Aiyangar ... Ancient Indian Polity.
- Pramathanath Banerjea ... Public Administration in Ancient  
India.
- \*Aristotle ... Constitution of Athens (Tr.  
Poste).
- \*Woodrow Wilson ... Constitutional Government.
- \*Zimmern ... Greek Commonwealth.
- \*Coulanges ... Ancient City (Tr. Small).
- \*Warde Fowler ... The City State of the Greeks  
and Romans.
- \*Maine ... Ancient Law.
- \*Sidgwick ... Growth of European Polity.
- \*Freeman ... Comparative Politics.
- \*Lowell ... Governments and Parties in  
Continental Europe.
- \*Allen ... Evolution of Governments and  
Laws.
- Ogg ... Governments of Europe.
- Sidney Low ... Governance of England.

*Comparative Study of Social Institutions.*

Lester Ward	...	Dynamic Sociology, Vols. I-II.
*Giddings	...	Principles of Sociology.
Mayo Smith	...	Sociology Vol. II.
*Tylor	...	Primitive Culture.
Fraser	...	Totemism and Exogamy, Vol. II.
*Mackenzie	...	Introduction to Social Philosophy.
C. D. Wright	...	Elements of Practical Sociology.
Risley	...	Peoples of India.
Gait	...	Census Report for India, 1911.
Harold Maun	...	Deccan Village.
Gilbert Slater	...	Some South Indian Villages.
Durell	...	Fundamental Sources of Efficiency.

*International Law with reference to existing Political and Economic Institutions.*

*Hall	...	International Law.
*Westlake	...	International Law (Peace and War), 2 Vols.
*Higgins	...	Hague Peace Conferences.
*Wheaton	...	International Law edited by Philipson.
*Pitt Cobbett	...	Cases on International Law, 2 Vols.
*Stowell and Monro	...	International Cases, 2 Vols.

PAPER VIII—*Essay.*

## GROUPS A AND B.

Candidates will be required to write an essay on some topic connected with one of the following subjects; the essay must treat the topic chosen by the candidate with special reference to Indian conditions :—

- |                  |                             |
|------------------|-----------------------------|
| 1. Famines.      | 4. Industrial Organisation. |
| 2. Co-operation. | 5. Currency Problems.       |
| 3. Railways.     | 6. Land Systems.            |

The Board proceeded to select a subject for the Mahendranath Ray Prize and Medal for research in Indian Sociology, Economics and Politics (recently founded by Pabu Satsichandra Ray).

## RESOLVED—

1. That the following subjects be prescribed for the years 1919 and 1921 :

*Subject for 1919.*

Growth and movement of population in Bengal, since 1881 and its economic effects.



*Subject for 1921.*

Conditions of living of the middle class people of Calcutta and their effect upon the health and morals of the rising generation.

(2) That the following rules be adopted:

(i) Each candidate shall be required to submit, not later than the 31st October in the year for which the award is to be made, a thesis or record of original work in the subject selected for the year, and to send three typewritten or printed copies of his thesis or record of work, to the Secretary to the Post Graduate Council in Arts, under a distinguishing motto. The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside.

(ii) Each candidate shall further be required to indicate generally in a preface to his thesis and specially in notes, the sources from which his informations taken, the extent to which he has availed himself of the work of others and the portions of the thesis which he claims as original. He shall also be required to state whether his research has been conducted independently, under advice, or in collaboration with others, and in what respects his investigations appear to him to tend to the advancement of knowledge.

(iii) A Board of Honorary Examiners consisting of not more than three experts shall be appointed by the Executive Committee on the recommendation of the Board of Higher Studies in Economics to adjudicate upon the merits of the theses or records of original work submitted by the candidates. The award of the Board of Examiners shall be subject to confirmation by the Executive Committee and the Council of Post Graduate Teaching in Arts."

**RESOLVED—**

That the Proceeding be confirmed.

Read a Memo. No. 4854 A, dated the 25th November, 1918 from the Assistant Director of Public Instruction, Bengal, forwarding a copy of letter No. 1414 Edu. dated the 16th November, 1918, from the Under-Secretary to the Government of Bengal, General Department, Education Branch, conveying sanction of Government regarding remunerations of the Professors of Bethune College and Sanskrit College who have been appointed University Lecturers for the session 1918-19.

**ORDERED—**

To be recorded.

Read a letter from Lala Sitaram, B.A., who has been appointed Editor to prepare a book of Typical Selections in the Hindi Language, forwarding manuscripts of Book III of Hindi Selections for approval.

## RESOLVED—

That Mr. Sitaram be thanked and requested to proceed with the work.

The Secretary reported that candidates who are not regular students of the Post-Graduate classes often apply for copies of Syllabuses of lectures and requested sanction to levy a fee of Re. 1 from them for each such copy.

## RESOLVED—

That the proposal be accepted.

The Secretary reported that on account of the continued prevalence of Influenza in the town, the Post-Graduate classes, under instructions from the President, had been closed up to the 1st January, 1919.

## RESOLVED—

That the action taken be confirmed.

The Secretary reported that the first volume of Mr. Sisirkumar Maitra's English Version of the treatise on "Philosophical Currents of the Present Day" by Professor Ludwig Stein (to be completed in three volumes) was out and requested the Executive Committee to fix the price of the work (Executive Committee, dated the 1st December, 1917).

## RESOLVED—

1. That Vol. I be sold at Rs. 3 per copy.
2. That a copy of the book be sent to each Member of the Board and Higher studies in Philosophy.
3. That the Secretary be requested to send a copy of the book to the Editors of the Chief Philosophical Magazines for review.
4. That the Board of Higher Studies in Philosophy be requested to consider the question of inclusion of the book in the list of text-books.

Read a letter from the Assistant Registrar, forwarding a Memo. from the Director of Public Instruction, Bengal, forwarding a copy of the following letter No. 621T-Edu, dated the 2nd November, 1918 from the Secretary to the Government of Bengal, General Department, Education Branch, to the Director of Public Instruction, Bengal :

"In reply to your letter No. 167A, dated the 12th September, 1918, I am directed to say that Government are unable to entertain the proposal of the Governing Body of the Presidency College that the sum paid by the University of Calcutta to Government in return for the services rendered by Professors and Demonstrators in connection with Post-Graduate work should be paid to them as honoraria. These Officers are Government servants, in receipt of a full time salary, and the duties which they perform under the present system of Post-Graduate Studies are part of their ordinary duties as Government servants. Government lends their services in part to the University and the contribution paid by the latter merely represents a partial reimbursement to Government of their salary."

In the opinion of the Governor in Council the Professors and Demonstrators have no claim to honoraria either on account of the nature of their work or by reason of the payment of a contribution to Government by the University for the Post-Graduate work done by them."

ORDERED—

To be recorded.

Read an application from Babu Dineschandra Kanangoe, who passed the B.A. Examination in 1917 and was a Post-Graduate student of the 5th-year Class in Pali in 1917-18, praying that he may be allowed to appear at the M.A. Examination in the aforesaid subject in 1919.

RESOLVED—

That the applicant be informed that his request is contrary to the Regulations and cannot be granted.

Read an application from Jyotischandra Ghatak, who passed the M.A. Examination this year in Sanskrit (Group I), praying that he be permitted to appear at the M.A. Examination in Ancient Indian History and Culture in 1919 as a non-collegiate student.

RESOLVED—

That the application be forwarded to the Syndicate with an expression of opinion that the Senate should be moved to grant it.

Read a letter from the Assistant Registrar informing that on the result of the M.Sc. Examination, 1918, the Hemchandra Gossain Prizes and Medal have been awarded to Dhirendranath Sen of the Post-Graduate Class in Pure Mathematics.

ORDERED—

To be recorded.

Read a letter from the Assistant Registrar informing that on the results of the M.A. Examination, 1918 the following Medals and Prizes have been awarded to the undermentioned students of the Post-Graduate Classes:—

- |                                       |   |
|---------------------------------------|---|
| I. The Cobden Medal                   | ... Birendrachandra Datta.                              |
| II. The Keshablal Mallik Medal        | (a) Khageschandra Basu.<br>(b) Jaminimohan Chakrabarti. |
| III. The Sonamani Prize               | } Satkari Mukhopadhyay.                                 |
| The Hemchandra Gosain Prize and Medal |   |
| IV. The Matilal Mallik Medal...       | Jogeswar Chattopadhyay.                                 |

ORDERED—

To be recorded.

Read an application, from Upendranath Das, a Post-Graduate student of the 5th-year Class in Pure Mathematics, praying that he may be granted a free studentship on ground of straitened circumstances.

RESOLVED—

That the application be granted.

Read an application from Narendranath Chakrabarti, who passed the B.A. Examination with Honours in English, from the Jagannath College, Dacca in 1914, praying that he may be granted a free-studentship, on ground of indigent circumstances, from the beginning of the current session to enable him to join the Post-Graduate 5th-year Class in English.

RESOLVED—

That the application be granted.

The Secretary reported that Babu Rajendralal Maitra, an Assistant in his Office, was granted leave on full pay for 21 days as he was laid up with small pox.

RESOLVED—

That the action taken be approved.

Read a Memo. No. 5079A dated the 13th December, 1918, from the Director of Public Instruction, Bengal, forwarding a copy of a letter No. 1537 Edu. dated the 6th December, 1918, from the Secretary to the Government of Bengal, General Department, Education Branch, sanctioning the co-operation of the staff of the Presidency College in the scheme of Post-Graduate Teaching for the session 1918-19.

ORDERED—

To be recorded.

(Confirmed)

ASUTOSH MOOKERJEE,

*President.*

H. C. MOOKERJEE,

*Secretary.*

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of the "Poverty Problem Study Fund," p. 214; Captain Petavel appointed to deliver lectures on "Reconstruction during and after War," p. 214; An examination carrying 6 prizes to be held at the conclusion of these lectures, p. 214; Reports of the Boards of Examiners for 1918 confirmed and a list of successful candidates published, pp. 215-21; Babu Adharchandra Mookerjee's gift towards the publication of "Indian Vernaculars Series," p. 224; Memos. from the D. P. I., Bengal, re: the co-operation of the Staff of the Presidency College, Sanskrit College, and Bethune College in the P.G. teaching classes for 1918-19, recorded, p. 229; Babu Jitendranath Banerji, M.A., appointed Assistant to the Carmichael Professor *vice* Babu Anantaprasad Banerji, Lecturer in History, resigned, pp. 229-30; Professor A. B. Dhruva, M.A., appointed Associate Editor of Typical Selections from Gujrathi Literature, p. 230; Appointment of Babu Krishnabihari Raychaudhuri as an Assistant in the Secretary's Office, p. 230; Anilchandra Ray (student) was informed that no research scholarship in Pure Mathematics was available, p. 231; Students losing Syllabuses are to pay a fee for fresh copies, p. 231; Application of Babu Susilkumar Majumdar, M.A. for permission to appear in Logic, Psychology and Ethics as a non-collegiate student forwarded with recommendation to the Senate, p. 231; Application of Nirmalchandra Chakrabarti (student) for refund of difference of fees, rejected, p. 231; Payment of Rs 400 for a clerk to assist Babu Hemchandra Goswami, sanctioned, p. 232; Publication of Major Campbell's translation of Nagarjun's *Prajnya Danda*, sanctioned, p. 232; The Registrar, C. U., informed that Sir E. D. MacLagan's requisition and the Syndicate's resolution have no reference to the P. G. Classes, p. 232; Jagannathdeb Ray and Nripendralal Banerjee appointed temporary assistants in the Secretary's Office, p. 232; Payment of Shaik Naimuddin's bills, sanctioned, p. 232; Memo. from the Assistant Registrar, informing the inability of Professor Hamilton to attend the University owing to illness, recorded, p. 232; P. G. Classes to remain closed on account of Influenza Epidemic, pp. 233, 304; Donation of Kumar Ghanadanath Raychaudhuri of Dubalhati for the award of a scholarship in "Indian Vernaculars" accepted with thanks, p. 233; Donation of Dr. Chandrasekhar Kali towards the publication of Old Bengali Texts, accepted with thanks, p. 233; Examination in the new group on Ancient Indian History and Culture to be held in 1919, p. 233; Donations from Babu Adharchandra Mookerjee, M.A. and Babu Satischandra Ray, M.A., pp. 234-9; Donation from Mr. R. D. Mehta, C.I.E., p. 242; Memo. from D. P. I., Bengal, sanctioning remunerations to Professors of Bethune and Sanskrit Colleges for 1918-19, recorded, p. 303; MSS. of Book III of Typical Selections from the Hindi Language, received from Lala Sitaram, p. 304; Price of Syllabuses of Lectures, p. 304; Price of "Philosophical Currents of the Present Day" Vol. I, fixed, p. 304; Distribution of copies of this book to each member of the Board of Higher Studies in Philosophy and to the Editors of the Chief Philosophical Magazines, sanctioned, p. 304.

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**SCIENCE**





# Proceedings of the Council of Post-Graduate Teaching in Science, 1917-18.

No. 7.

THE 11TH JANUARY, 1916.

## Present :

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L.,  
D.Sc., Ph.D., *President, in the Chair,*

Dr. P. J. Brühl, D.Sc., F.C.S., F.G.S.

Babu Susilkumar Acharyya, M.Sc.

„ Sudhansukumar Banerjee, M.Sc.

„ Surendrachandra Banerjee, M.A.

„ Charuchandra Bhattacharyya, M.A.

„ Nibaranchandra Bhattacharyya, M.A.

„ Saratlal Biswas, M.Sc.

„ Nalinimohan Basu, M.Sc.

„ Satyendranath Basu, M.Sc.

„ Saradaprasanna Das, M.A.

Dr. Rasiklal Datta, D.Sc.

Babu Jnanendranath Ghosh, M.Sc.

„ Phanindranath Ghosh, M.A.

„ Siteschandra Kar, M.A.

„ Dwijendrakumar Majumdar, M.A.

Dr. P. C. Mitter, M.A., Ph.D.

Babu Sisirkumar Mitra, M.Sc.

„ Jnanendranath Mukherjee, M.Sc.

„ Jogeschandra Mukherjee, M.A.

Mr. J. C. Nag, B.Sc.

Prof. C. V. Raman, M.A.

Babu Abinaschandra Saha, M.Sc.

„ Meghnad Saha, M.Sc.

Dr. Anukulchandra Sarkar, M.A., Ph.D., F.C.S.

Babu Pulinbihari Sarkar, M.Sc.

„ Hemchandra Sengupta, M.A.

The Council met to consider the Proceedings of the Executive Committee, dated the 22nd December, 1917, printed copies of which had been previously circulated to all the members.

Professor C. V. Raman moved that the Proceedings of the Executive Committee, dated the 22nd December, 1917 (annexed herewith) be confirmed.

Dr. P. C. Mitter seconded the motion which was put to the vote and carried.

(Confirmed).

ASUTOSH MOOKERJEE,

*President.*

H. C. MOOKERJEE,

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Science.

FOR THE YEAR 1917-18.

**No. 7.**

THE 17TH JANUARY, 1918.

## **Present:**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President, in the Chair.*

The Hon'ble Dr. Nilratan Sircar, M.A.,	Dr. P. C. Mitter, M.A., Ph.D.
M.D.	Mr. J. C. Nag, B.Sc.
Mr. Jnanchandra Ghosh, M.A.	Babu Nibaranchandra Bhattacharyya,
Dr. Ganesh Prasad, M.A., D.Sc.	M.A.
Mr. D. B. Meek, M.A., B.Sc.	Babu Hemchandra Das Gupta, M.A.,
Prof. C. V. Raman, M.A.	F.G.S.
	Mr. E. Vredenburg, B.Sc., A.R.S.M.

Read a telegram from the Government of India, sanctioning the new Chairs for Botany and Zoology, and the appointment of Dr. P. Brühl and Mr. S. N. Maulik for a term of two years at present.

**ORDERED—**

To be recorded.

**RESOLVED—**

That Dr. Brühl be requested to draw up a scheme as to the immediate needs of his department in the matter of staff and equipment.

Read a letter from Babu Hemchandra Sen Gupta, Lecturer, Presidency College, and a University Lecturer in Applied Mathematics, inquiring whether he can take out books from the University Library.

**RESOLVED—**

That Babu Hemchandra Sengupta is entitled to the use of the University Library as a University Lecturer under the Library Rules (Calendar for 1917, Part I, Page 228).

Read an endorsement from the Principal, Presidency College, forwarding an application from certain students of the 5th year Physics Class attached to his College, who are members of the University Corps, for exemption from attendance at lectures.

**RESOLVED—**

That the principal be informed that, on the information available, the Executive Committee is not prepared to grant the application.

The President placed before the meeting letters with enclosures from Dr. Ganesh Prasad (forwarded to the President by the Vice-Chancellor) and connected papers.

After discussion it was resolved on the motion of Mr. Meek seconded by Mr. Vredenburg that the consideration of the matter be postponed till the next meeting.

(Confirmed).

ASUTOSH MOOKERJEE,

*President.*

H. C. BANERJI,

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Science.

FOR THE YEAR 1917-18.

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## No. 8.

THE 4TH MARCH, 1918.

### Present :

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President, in the Chair.*

The Hon'ble Dr. Nilratun Sircar, M.A., M.D.	Mr. J. C. Nag, B.Sc. Babu Nibaranchandra Bhattacharyya, M.A.
Dr. D. N. Mallik, B.A., Sc.D., F.R.S.E	M.A.
Prof. Ganesh Prasad, M.A., D.Sc.	Babu Hemchandra Dasgupta, M.A., F.G.S
Prof. C. V. Raman, M.A.	F.G.S
Prof. P. C. Mitter, M.A., Ph.D.	Mr. E. Vredenburg, B.Sc., A.R.S.M.

Read the following Proceedings of the Board of Higher Studies in Chemistry, dated the 21st January, 1918 :—

“ Dr. P. C. Mitter proposed that Mr. K. G. Naik, M.A., be recommended for appointment as University Lecturer in Chemistry.

Babu Jnanachandra Ghosh seconded the motion.

Resolved—That this Board recommend that Mr. K. G. Naik be appointed a University Lecturer in Chemistry.”

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Applied Mathematics, dated the 23rd February, 1918 :—

“ RESOLVED—

(1) That the following gentlemen be appointed Post-Graduate Teachers in Applied Mathematics for the session 1918-19 :—

Babu Sudhansukumar Banerjee, M.Sc.  
„ Nalinimohan Basu, M.Sc.

Babu Satyendranath Basu, M.Sc.  
 „ Saradaprasanna Das, M.A.  
 „ Bibhutibhushan Datta, M.Sc.  
 „ Siteschandra Kar, M.A.  
 „ Karunamay Khastgir, M.Sc.  
 Dr. D. N. Mallik, B.A., Sc.D., F.R.S.E.  
 Prof. Ganesh Prasad, M.A., D.Sc.  
 Babu Meghnad Saha, M.Sc.  
 „ Nikhilranjan Sen, M.A.  
 „ Hemchandra Sengupta, M.A.

(2) That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :—

Name.	Monthly salary.
	Rs.
Babu Sudhansukumar Banerjee	... 225
„ Nalinimohan Basu	... 225
„ Bibhutibhushan Datta	... 225
„ Nikhilranjan Sen	... 200

(3) That the remuneration of the undermentioned gentlemen be fixed at the sum of Rs. 100 a month each, subject to the sanction of the authorities of their respective colleges:—

*Presidency College.*

Dr. D. N. Mallik.  
 Babu Saradaprasanna Das.  
 „ Karunamay Khastgir.  
 „ Hemchandra Sengupta.

*Bangabasi College.*

Babu Siteschandra Kar.”

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Physics, dated the 23rd February, 1918.

**“ RESOLVED—**

(1) That the following gentlemen be appointed Post-Graduate Teachers in Physics for the session 1918-19 :—

Babu Susilkumar Acharyya, M.Sc.  
 „ Sudhansukumar Banerjee, M.Sc.  
 „ Charuchandra Bhattacharyya, M.A.  
 „ Satyendranath Basu, M.Sc.  
 „ Phanindranath Ghosh, M.A.

Mr. P. C. Mahalanabis, B.A.  
 Babu Dwijendrakumar Majumdar, M.A.  
 Dr. D. N. Mallik, B.A., Sc.D., F.R.S.E.  
 Mr. D. B. Meek, M.A., B.Sc.  
 Babu Sisirkumar Mitra, M.Sc.  
 „ Jogeschandra Mukerjee, M.A.  
 Prof. C. V. Raman, M.A.  
 Babu Abinaschandra Saha, M.Sc.  
 „ Meghnad Saha, M.Sc.

(2) That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :—

Name.	Monthly salary.
	Rs.
Babu Susilkumar Acharyya	... 225
„ Satyendranath Basu	... 225
„ Phanindranath Ghosh	... 250
„ Sisirkumar Mitra	... 225
„ Jogeschandra Mukerjee	... 250
„ Abinaschandra Saha	... 225
„ Meghnad Saha	... 225

(3) That, subject to the sanction of the authorities of the Presidency College, an honorarium of Rs. 100 a month be offered to each of the following gentlemen :—

Mr. D. B. Meek.  
 „ P. C. Mahalanabis.  
 Babu Charuchandra Bhattacharyya.  
 „ Dwijendrakumar Majumdar.”

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Chemistry, dated the 23rd February, 1918.

**“RESOLVED—**

(1) That the following gentlemen be appointed Post-Graduate Teachers in Chemistry for the session 1918-19 :

Babu Jyotibhushan Bhaduri, M.A.  
 „ Bidhubhushan Datta, M.A.  
 Dr. Rasiklal Datta, D.Sc.  
 „ B. B. Dey, D.Sc.  
 Babu Jnanendrachandra Ghosh, M.Sc.  
 Dr. P. C. Mitra, M.A., Ph.D.  
 Babu Jnanendranath Mukherjee, M.Sc.

Mr. K. G. Naik, M.A., B.Sc.  
 Dr. P. C. Ray, C.I.E., Ph.D., D.Sc., F.C.S.  
 Dr. Anukulchandra Sarkar, M.A., Ph.D.  
 Babu Pulinbihari Sarkar, M.Sc.

(2) That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :—

Name.	Monthly salary.
	Rs.
Babu Jnanendrachandra Ghosh ...	„ 225
„ Janendranath Mookerjee ...	„ 225
„ Pulinbihari Sarkar ...	„ 150

(3) That, subject to the sanction of the authorities of the Presidency College, an honorarium of Rs. 100 a month be offered to each of the following gentlemen :—

Babu Jyotibhushan Bhaduri.  
 „ Bidhubhushan Datta.  
 Dr. Anukulchandra Sarkar.  
 „ B. B. Dey.

(4) That, Mr. K. G. Naik be recommended for appointment as an external Examiner in Chemistry for the M.A. and M.Sc. Examinations, 1918.”

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Botany, dated the 23rd February, 1918.

**“RESOLVED—**

(1) That the following gentlemen be appointed Post-Graduate Teachers in Botany for the session 1918-19 :

Dr. P. Brühl, D.Sc.  
 Mr. J. C. Nag, B.Sc.  
 Babu Surendrachandra Banerjee, M.A.  
 Mr. Surendranath Bal, M.Sc. (Michigan)

(2) That the remuneration of the following gentlemen be fixed at the sum mentioned against the name of each :—

Name.	Monthly salary.
	Rs.
Dr. P. Brühl ... ..	„ 800
Mr. S. N. Bal ... ..	„ 300

(3) That, subject to the sanction of the authorities of the Presidency College, an honorarium of Rs. 100 a month be offered to each of the following gentlemen :—

Mr. J. C. Nag.  
 Babu Surendrachandra Banerjee.



(4) That Mr. S. N. Bal be appointed Assistant Professor for a term of 3 years.

RESOLVED—

That the distribution of papers for the M.A., and M.Sc. Examinations as set out in the proceedings of the Board, dated the 18th September, 1917, be confirmed."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Physiology, dated the 23rd February, 1918.

"RESOLVED—

(1) That the following gentlemen be appointed Post-Graduate Teachers in Physiology for the session 1918-19 :

Mr. S. C. Mahalanobis, B.Sc., F.R.S.E.

Babu Nibaranchandra Bhattacharyya, M.A.

(2) That, subject to the sanction of the authorities of the Presidency College an honorarium of Rs. 100 a month be offered to each of the following gentlemen :—

Mr. S. C. Mahalanobis.

Babu Nibaranchandra Bhattacharyya.

(3) That Babu Narendranohan Bose, M.Sc., be appointed Assistant Lecturer in Physiology."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Geology, dated the 23rd February, 1918.

"RESOLVED—

(1) That the following gentlemen be appointed Post-Graduate Teachers in Geology for the session 1918-19 :—

Babu Saratlal Biswas, M.Sc.

„ Hemchandra Dasgupta, M.A., F.G.S.

Mr. E. Vredenburg, B.Sc., A.R.S.M.

(2) That the remuneration of the undermentioned gentlemen be fixed at the sum mentioned against the name of each :—

Mr. E. Vredenburg ... Rs. 200 a month.

Babu Saratlal Biswas ... „ 200 „

(3) That, subject to the sanction of the authorities of the Presidency College, an honorarium of Rs. 100 a month be offered to Babu Hemchandra Dasgupta."

RESOLVED—

That the Proceedings be confirmed.

Read two letters from Babu Satischandra Ray in connection with the appointment of Mr. S. Maulik as Professor of Zoology.

**RESOLVED—**

That Rs. 600 be paid at present towards the passage expenses of Mr. Maulik from London to Calcutta, and Rs. 600 be advanced as salary for one month, (to be deducted hereafter in four equal instalments from monthly salary), Babu Satischandra Ray undertaking to refund the amounts, should Mr. Maulik be unable, by reason of unforeseen circumstances, to take up his duty as Professor.

Read a letter from Babu Nalinimohan Basu, a University Lecturer in Applied Mathematics, asking for a permanent advance of Rs. 10.

**RESOLVED—**

That the sum be placed at the disposal of Professor Ganesh Prasad.

Read a letter from the Registrar, forwarding, for disposal, a copy of an application from Nadirshaw Pastonji Talaty, a B.Sc. of the Bombay University for permission to study for the Degree of D.Sc. after taking the M.Sc. partly by research work and partly by papers in Physics.

**RESOLVED—**

That the applicant be informed that he will be admitted as an M.Sc. student in the University College of Science, and will be treated on the same footing as a student who has taken his B.Sc. Degree with Honours in this University.

Read an endorsement from the Principal, Dacca College, forwarding an application from Bibhutibhushan Bhattacharyya, who could not sit for the last M.Sc. Examination, praying for permission to appear at the M.Sc. Examination in Chemistry in 1918.

**RESOLVED—**

That the application be granted.

The Secretary placed on the table papers relating to the delivery of lectures in Physics.

**RESOLVED—**

That the attention of all the lecturers in all subjects be drawn to the fact that the arrangements sanctioned for lectures and laboratory work by the Boards of Higher Studies (and confirmed by the Executive Committee, the Council and the Senate) must be strictly followed.

Read an application from Saradacharan Chaudhuri of the 5th-year Chemistry Class, to whom a free studentship was awarded on the 22nd December, 1917, praying for a refund of tuition fees from June to December, 1917, paid by him pending the disposal of his application.

**RESOLVED—**

That the application be granted.

Reagan application from Mrs. Sarojini Datta for permission to appear at the next M.A. Examination in Botany as a private student.

**RESOLVED—**

That the Committee recommend that the application be granted.

The Executive Committee considered letters with enclosures from Dr. Ganesh Prasad and connected papers (postponed from the meeting held on the 17th January, 1918).

**RESOLVED—**

That the Executive Committee accept the statement of Mr. S. K. Banerjee as to his illness and decide that no action be taken in the matter.

The following list of holidays for 1918 was sanctioned :—

New Years Day	... January 1st, Tuesday.
Sri Panchami	... February 15th & 16th, Friday & Saturday.
Convocation Day	... March 1st & 2nd, Friday & Saturday.
Easter including Dole Jatra...	March 25th to April 2nd, Monday to Tuesday.
Chaitra Sankranti	... April 13th, Saturday.
Summer Holidays	... April 15th to June 29th, Monday to Saturday.
Shabebarat	... May 26th, Sunday.
King Emperor's Birth Day	... (Date to be fixed hereafter).
Dasahara	... June 19th, Wednesday.
Id-ul-Fitr	... July 10th and 11th, Wednesday and Thursday.
Janmashtami	... August 29th, Thursday.

Eduz-Zoha ... September 17th, Tuesday.

Durga Puja Holidays including

Mahalaya, Lakshmi Puja,

Kali Puja Bhratridwitiya,

Jagaddhatri Puja and

Maharam

... October 4th to November 13th,

Friday to Wednesday.

Akheri Chahar Shomba ... December 4th, Wednesday.

Darbar Celebration Day ... December 12th, Thursday.

Fateha Doaz Dahom ... December 17th, Tuesday.

Christmas Holidays ... December 23rd to 31st, Monday  
to Tuesday.

(Confirmed).

ASUTOSH MOOKERJEE,

*President.*

H. C. BANERJEE,

*Secretary.*

# Proceedings of the Council of Post-Graduate Teaching in Science

FOR THE YEAR, 1918.

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**No. 8.**

THE 14TH MARCH, 1918.

## **Present :**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L.,  
D.Sc., Ph.D., *President, in the Chair.*

Babu Jnanchandra Ghosh, M.A.

„ Sudhansukumar Banerjee, M.Sc.

„ Surendrachandra Banerjee, M.A.

„ Charuchandra Bhattacharyya, M.A.

„ Nibaranchandra Bhattacharyya, M.A.

„ Nalinimohan Basu, M.Sc.

„ Satyendranath Basu, M.Sc.

Dr. C. E. Cullis, M.A., Ph.D.

Babu Bibhutibhushan Datta, M.Sc.

„ Bidhubhushan Datta, M.A.

Dr. Rasiklal Datta, D.Sc.

Babu Jnanendranath Ghosh, M.Sc.

„ Phanindranath Ghosh, M.A.

„ Siteschandra Kar, M.A.

„ Karunamay Khastagir, M.Sc.

„ Dwijendrakumar Majumdar, M.A.

Dr. P. C. Mitter, M.A., Ph.D.

Babu Sisirkumar Mitra, M.Sc.

„ Jnanendranath Mookerjee, M.Sc.

„ Jageschandra Mookerjee, M.A.

Dr. Ganesh Prasad, M.A., D.Sc.

Professor C. V. Raman, M.A.

Babu Abinaschandra Saha, M.Sc.

„ Meghnad Saha, M.Sc.

Dr. Anukulchandra Sarkar, M.A., Ph.D., F.C.S.

Babu Nikhilranjan Sen, M.A.

„ Hemchandra Sengupta, M.A.

The Council met to consider the Proceedings of the Executive Committee, dated the 17th January, 1918, and the 4th

March, 1918, printed copies of both of which had been previously circulated to all the Members.

The President drew attention to the more important resolutions adopted by the Executive Committee.

Professor C. V. Raman moved that the Proceeding of the Executive Committee, dated the 17th January, 1918, be confirmed.

Professor Jnanchandra Ghosh seconded the motion which was put to the vote and carried.

Professor C. E. Cullis moved that the Proceedings of the Executive Committee, dated the 4th March, 1918, be confirmed.

Professor P. C. Mitter seconded the motion which was put to the vote and carried.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

H. C. BANERJI,

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Science

FOR THE YEAR, 1917-18.

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**No. 9.**

THE 28TH JUNE, 1918.

**Present :**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President.*

The Hon'ble Sir Nilratan Sircar, M.A., Mr. J. C. Nag, B.Sc.

M.D.

Babu Nibaranchandra Bhattacharyya,

Babu Jnanachandra Ghosh, M.A.

M.A.

Dr. D. N. Mallik, B.A., Sc.D., F.R.S.E.

Babu Hemchandra Dasgupta, M.A.,

Prof. C. V. Raman, M.A.

F.G.S.

Prof. P. C. Mitter, M.A., Ph.D.

Mr. E. Vredenburg, B.Sc., A.R.S.M.

1. Read copies of letter No  $\frac{30A}{1u-9a}$  from the Director of

Public Instruction, Bengal, to the Government of Bengal, General Department, and its reply No. 160T. Edn., dated the 9th May, 1918, forwarded by the Registrar with his letters No. 9107 and 11657A, dated the 14th March and 11th June, 1918, respectively on the subject of the co-operation of the Presidency College, in the scheme for Post-Graduate Teaching.

**RESOLVED—**

That the letter of the Director of Public Instruction be acknowledged with thanks, and that the Secretary be authorised to write to the Director, soliciting sanction for the arrangements made for the year 1918-19.

2. Read a letter from the Registrar, Calcutta University, forwarding for advice a copy of letter No.  $\frac{2532}{1A-7}$ , dated the 13th May, 1918, from the Registrar, Patna University.

**RESOLVED—**

That the Executive Committee is not prepared to recommend that B.A. and B.Sc. Graduates of the Patna University should

be admitted as non-collegiate students to the M.A. and M.Sc. Examinations of the Calcutta University. But the Executive Committee is of opinion that B.A. and B.Sc. Graduates of the Patna University may be admitted to the M.A. and M.Sc. Classes of the Calcutta University, and subsequently admitted to the M.A. and M.Sc. Examinations on taking a full course here.

3. Read the following letter from Mr. S. Maulik, Professor of Zoology, formulating a scheme for the organisation of the Department.

211 PICCADILLY, LONDON, W.  
*April 29th, 1918.*

TO

THE REGISTRAR,

UNIVERSITY OF CALCUTTA.

SIR,

In view of the fact that I have been appointed the Professor of Zoology in the University of Calcutta, I beg leave to formulate a scheme for the organisation of the Department.

2. The aim of the Zoological Department should be (a) to afford facilities to anybody desiring any information on Zoological subjects, (b) to give preliminary training in Zoology to students who wish to apply that knowledge to medicine or agriculture, the latter term being used in its widest sense, (c) to assist students to contribute to biological knowledge and thought.

3. In order to attain these objects the Department should have (a) a Library, (b) a Laboratory, (c) a Museum, (d) a Marine Biological Station, (e) a Biological Ship, and (f) Publications.

4. *Library.* According to my conception of a zoological library it should contain three kinds of publications, (a) the modern publications of the text-book nature; these are either comprehensive compilations of all information, or attempts to present in plain terms to the beginner biological theories or thoughts. (b) All zoological periodicals which, as a rule, contain most of the original papers. Some of these periodicals contain both zoological and botanical memoirs; these will naturally form a part of the library which will be common to



both the Departments. (c) All classical publications. By classical I mean those of Aristotle, Pliny, Galen, Cuvier, Saint Hilaire, Goethe, Buffon, Linnaeus, Wolffe, von Baer, His, and others.

5. *Laboratory.* It should be equipped with all necessary appliances which are neither very complicated nor numerous. It should provide each student with a good microscope. It should contain embedding baths, microtomes, the usual laboratory glassware, and chemicals necessary for microscopic work. I shall go into these details in a letter dealing with an estimate of the laboratory.

6. *Museum.* It should be designed as a museum to teach morphology. It should therefore contain specimens illustrating series of skeletons, soft parts, dissections of various organs, etc. It will be seen that to build up such a museum requires patience, skill and time.

7. *Marine Biological Station.* A station should be built on a suitable spot on the sea shore carefully selected for the purpose. It should have a laboratory, a library, and tanks and reservoirs to facilitate observation and experiment.

8. *Ship.* This should be built in such a way that the botanical and zoological departments may both work in co-operation on board. I wish to build it in concrete, so that it will be non-magnetic, thus making it easier to make magnetic observations at sea. This is very rare, because no ship has been built which is non-magnetic (except a bronze one by the Carnegie Institution of America). If the ship is to contain three staffs, it ought to be of sufficient size. The idea of building such a ship by the University of Calcutta is therefore specially attractive.

9. *Publications.* The Zoological Department should issue a periodical which would publish results of researches carried on in the University. There should also be other publications from the Department, but that depends on men, material and their work. Publication is a great stimulus to work, which, when, it is good, enhances the importance of a department and raises it in the estimation of sister-organisations of other countries.

10. *Policy.* Zoology is a branch of the natural sciences, the materials of which, either for anatomical study or for experimental purposes, lie in such places as necessitate one's going out-of-doors to seek them. The principle contained in the above sentence is an important one. There ought to be scholarships given to advanced students, those who have learnt how to observe and what to expect in particular cases, to enable

them to travel in any part of India. They will bring back specimens to the laboratory which will enrich the museum. If this policy is followed, the museum will become gradually more and more important and useful. At the same time we shall turn out true zoologists from the University. The laboratory can only give a partial conception of the animal world. The mind still moves in a limited channel. It is only when one goes out and finds oneself in close communion with Nature that one feels free; one sees things with a larger mind, one gets a better comprehension of the animal world. To enable the student to obtain this breadth and freedom of the mind will be the keynote of my teaching. I believe this will stimulate independent thinking and research and consequently will lead to satisfactory results.

11. The above then, Sir, is a brief outline of the scheme for the Zoological Department. Each item in the programme (including the designing of suitable buildings to house the different sections of the Department and designing of the ship) has to be worked out in detail. I have thought out these details, but I think it is unnecessary to go into them in this letter. To some, this programme in general, and one or two items in particular, will appear very ambitious. There is no reason why it will be considered so but for one thing, namely, lack of funds. It is true we may not have funds available at once, but my point is that this programme will be kept in view, and endeavours will be made to raise money for the purpose. Personally speaking, I shall consider this as one of my duties as the professor of Zoology.

12. To make a beginning, we shall start with a library of text-books, etc., and a laboratory with the apparatus which are absolutely necessary. I do not wish to buy books and apparatus in large quantity while the war is on, firstly because one cannot be sure of punctual deliveries, and secondly because most firms do not scruple to increase their prices by 60 or 65%. You will see this from the correspondence I shall enclose for my present estimates for the library and the laboratory.

13. On behalf of the Calcutta University Museum, I have arranged with Dr. Wood-Jones, Professor of Anatomy in the University of London, who works in the laboratories of the Zoological Gardens, to collect all material that can be spared from that institution. I have also arranged to get from Mr. Evans, M.A., Oxon, head of the Biological Department of Guy's Hospital, a duplicate set of material he can spare. I shall require some money for bottles and other receptacles and alcohol to preserve the material in. I have already bought 28

volumes for the library from a second-hand book shop, which I thought were going cheap, and I wanted to secure them. I have spent £6-10s.-0d. Vouchers will be enclosed with the estimates.

14. Finally, I wish to write one word about myself personally. I am engaged as I believe Sir Asutosh and the Council are aware, on a rather large piece of work. It involves a great deal of labour on my part. I have thousands of specimens to examine minutely and study. This volume will contain more than a hundred illustrations. Most of them are ready and have gone to the blockmakers. I am well advanced with the preparation of the manuscript. The progress depends on the difficulties encountered in the study. I request, therefore that Sir Asutosh will be pleased to grant me time till I have seen the volume through the press. I shall describe it as the first publication by a member of the Zoological Department of the Calcutta University.

15. I would request that you be kind enough to lay before Sir Asutosh and the Council this letter, and to convey to him personally my grateful thanks for giving me an opportunity of initiating and organising the Zoological Department of the University. I cannot close this letter without expressing my high esteem and regard for you personally.

I am,  
Sir,  
Respectfully yours,  
S. Maulik."

#### RESOLVED—

That the consideration of the letter be postponed till the receipt of further communication from Mr. Maulik regarding the financial aspect of his scheme.

4. Read an endorsement from Dr. P. C. Mitter forwarding an application from Sachindranath Ghose, who failed to pass his M.Sc. Examination in Chemistry last year, for permission to reappear at the examination.

#### RESOLVED—

That the application be refused.

5. The Secretary reported that Mr. Cotter had been appointed by order of the President as an External Examiner in Geology in place of Mr. P. N. Datta resigned.

#### RESOLVED—

That the action of the Secretary be approved.

6. Considered the question of preparing the draft Budget for the session 1918-19.

RESOLVED—

That the preparation of the Budget be postponed till the next meeting.

7. Read a letter from the Principal, Presidency College, on the subject of allotment of funds for periodical Excursions of Post-Graduate students of Geology, Botany and Chemistry.

Read also a letter from the Officiating Principal, Presidency College, stating that on a rough calculation Rs. 1,800 will be necessary for four periodical excursions of Post-Graduate students of Geology, Botany and Chemistry.

RESOLVED—

That the Principal, Presidency College, be informed that the University has not any funds available for the purpose mentioned; and that in the opinion of the Executive Committee, the funds ought to be provided by the authorities of the Presidency College, just in the same way as the cost of the maintenance of the laboratories in the various departments is supplied by Government.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

H. C. BANERJI,

*Secretary.*

# Proceedings of the Council of Post-Graduate Teaching in Science

FOR THE YEAR, 1918-19.

— — —  
**No. 1.**

The 25th July, 1918.

**Present :**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L.,  
D.Sc., Ph. D., *President, in the Chair.*

Rai Chunilal Bose, Bahadur, M.B., F.C.S.

Dr. P. Brühl, D.Sc., F.C.S., F.G.S.

Rai Abinashchandra Bose, Bahadur, M.A.

Dr. Suresprasad Sarbadhikari, B.A., M.D.

Babu Jnanachandra Ghosh, M.A.

„ Susilkumar Acharyya, M.Sc.

Prof. Sudhansukumar Banerjee, M.Sc.

Babu Surendrachandra Banerjee, M.A.

„ Jyotibhushan Bhaduri, M.A.

„ Charuchandra Bhattacharyya, M.A.

„ Nibaranchandra Bhattacharyya, M.A.

„ Saratlal Biswas, M.Sc.

„ Satyendranath Basu, M.Sc.

„ Hemchandra Dasgupta, M.A., F.G.S.

„ Bibhutibhushan Datta, M.Sc.

„ Bidhubhushan Datta, M.A.

Dr. Rasiklal Datta, D.Sc.

Babu Phanindranath Ghosh, M.A.

„ Siteschandra Kar, M.A.

„ Karunamay Khastagir, M.Sc.

Mr. S. C. Mahalanabis, B.Sc., F.R.S.E.

Babu Dwijendrakumar Majumdar, M.A.

Dr. D. N. Mallik, B.A., Sc.D., F.R.S.E.

„ P. C. Mitter, M.A., Ph.D.

Babu Sisirkumar Mitra, M.Sc.

Mr. K. G. Naik, B.Sc., M.A.

Babu Abinashchandra Saha, M.Sc.

„ Meghnad Saha, M.Sc.

Dr. Anukulchandra Sarkar, M.A., Ph.D., F.C.S.

Babu Pulinbihari Sarkar, M.Sc.

„ Hemchandra Sengupta, M.A.

Mr. Surendranath Bal, M.Sc.

Mr. G. C. Bose, M.A.

Dr. P. C. Mitter moved that the Hon'ble Sir Asutosh Mookerjee be elected President of the Council of Post-Graduate Teaching in Science for the year 1918-19.

Dr. P. Brühl seconded the motion which was carried by acclamation.

Dr. P. Brühl moved that the Proceedings of the Executive Committee dated the 28th June, 1918 (annexed herewith) be confirmed.

Dr. D. N. Mallik seconded the motion which was put to the vote and carried unanimously.

The Council next proceeded to elect from amongst the Members of the Council, three persons to be members of each of the following Boards of Higher Studies, under Section 19(b) of Chapter XI of the Regulations :—

1. Applied Mathematics.
2. Physics.
3. Chemistry.
4. Botany.
5. Physiology.
6. Geology.

The following Gentlemen had been duly nominated under Section 43.

Applied Mathematics—

Rai Bahadur A. C. Bose, M.A.

Babu Jnanchandra Ghosh, M.A.

Mr. P. C. Mahalanabis, B.A.

Mr. D. B. Meek, M.A., B.Sc.

The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.

Babu Saradaranjan Ray, M.A.

Physics—

Rai Bahadur A. C. Bose, M.A.

Dr. P. Brühl, D.Sc., F.C.S., F.G.S.

Babu Jnanchandra Ghosh, M.A.

Mr. S. C. Mahalanabis, B.Sc., F.R.S.E.

The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.

Dr. P. C. Ray, C.I.E., Ph.D., D.Sc., F.C.S.

Babu Ramendrasundar Trivedi, M.A.

## (3) Chemistry—

Dr. P. Brühl, D.Sc., F.C.S., F.G.S.  
 Babu Hemchandra Dasgupta, M.A., F.G.S.  
 „ Jnanchandra Ghosh, M.A.  
 Mr. S. C. Mahalanabis, B.Sc., F.R.S.E.  
 Babu Ramendrasundar Trivedi, M.A.

## (4) Botany—

Babu Nibaranchandra Bhattacharyya, M.A.  
 Mr. G. C. Bose, M.A.  
 Babu Hemchandra Dasgupta, M.A., F.G.S.  
 Dr. B. B. Dey, D.Sc., F.I.C.  
 Mr. S. C. Mahalanabis, B.Sc., F.R.S.E.

## (5) Physiology—

Babu Jnanendrachandra Ghosh, M.Sc.  
 Mr. J. C. Nag, B.Sc.  
 Dr. Suresprasad Sarbadhikari, B.A., M.D.  
 The Hon'ble Sir Nilotan Sarkar, M.A., M.D.

## (6) Geology—

Dr. P. Brühl, D.Sc., F.C.S., F.G.S.  
 Mr. S. C. Mahalanabis, B.Sc., F.R.S.E.  
 Dr. Anukulechandra Sarkar, M.A., Ph.D., F.C.S.

The names of the undermentioned gentlemen were at their request withdrawn from the Boards named :—

## Physics

Dr. P. Brühl  
 Mr. S. C. Mahalanabis

## Chemistry

Babu Hemchandra Dasgupta

Ballots were then successively taken in respect of the several Boards except in Geology in which the number of gentlemen proposed for election did not exceed the number of places to be filled up.

On scrutiny of the ballot papers the President declared that the undermentioned gentlemen had been duly elected to the different Boards :—

## (1) Applied Mathematics—

1. The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.
2. Rai Bahadur A. C. Bose, M.A.
3. Babu Jnanchandra Ghosh, M.A.

## (2) Physics—

1. The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I.,  
M.A., D.L., D.Sc., Ph.D.
2. Babu Jnanchandra Ghosh, M.A.
3. Babu Ramendrasundar Trivedi, M.A.

## (3) Chemistry—

1. Mr. S. C. Mahalanabis, B.Sc., F.R.S.E.
2. Dr. P. Brühl, D.Sc., F.C.S., F.G.S.
3. Babu Jnanchandra Ghosh, M.A.

## (4) Botany—

1. Mr. S. C. Mahalanabis, B.Sc., F.R.S.E.
2. Mr. G. C. Bose, M.A.
3. Babu Nibaranchandra Bhattacharyya, M.A.

## (5) Physiology—

1. The Hon'ble Sir Nilratan Sarkar, M.A., M.D.
2. Dr. Suresprasad Sarbadhikari, B.A., M.D.
3. Mr. J. C. Nag, B.Sc.

## (6) Geology—

1. Dr. P. Brühl, D.Sc., F.C.S., F.G.S.
2. Mr. S. C. Mahalanabis, B.Sc., F.R.S.E.
3. Dr. Anukulchandra Sarkar, M.A., Ph.D., F.C.S.

(Confirmed).

ASUTOSH MOOKERJEE,  
*President.*

H. C. BANERJI,  
*Secretary.*



# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Science

FOR THE YEAR, 1917-18.

---

## No. 1.

THE 25TH JULY, 1918.

### Present :

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A.,  
D.L., D.Sc., Ph.D.—*President, in the Chair.*

Rai Bahadur Abinashchandra Basu, M.A.

Babu Jnanachandra Ghosh, M.A.

Dr. D. N. Mallik, B.A., Sc.D., F.R.S.E.

Dr. P. Brühl, D.Sc., F.C.S., F.G.S.

Babu Jyotibhushan Bhaduri, M.A.

Professor P. C. Mitter, M.A., Ph.D.

Babu Nibaranchandra Bhattacharyya, M.A.

Mr. S. C. Mahalanabis, B.Sc., F.R.S.E.

Babu Hemchandra Dasgupta, M.A., F.G.S.

Read the Proceedings of the meetings of the Teaching Staff in Applied Mathematics, Physics, Chemistry, Botany, Physiology, and Geology, dated the 4th July, 1918.

### ORDERED—

To be recorded.

The Secretary reported that the Executive Committee for the year 1918-19 had been constituted as follows :—

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A.,  
D.L., D.Sc., Ph.D.—*President.*

Rai Abinashchandra Basu, Bahadur, M.A.

The Hon'ble Sir Nilratan Sarkar, Kt., M.A., M.D.

Babu Jnanachandra Ghosh, M.A.

Dr. D. N. Mallik, B.A., Sc.D., F.R.S.E.

Babu Saradaprasanna Das, M.A.

Mr. D. B. Meek, M.A., B.Sc.

Professor C. V. Raman, M.A.

Babu Jyotibhushan Bhaduri, M.A.  
 Professor P. C. Mitter, M.A., Ph.D.  
 Dr. P. Brühl, D.Sc., F.C.S., F.G.S.  
 Mr. J. C. Nag, B.Sc.  
 Babu Nibaranchandra Bhattacharyya, M.A.  
 Mr. S. C. Mahalanabis, B.Sc., F.R.S.E.  
 Babu Hemchandra Dasgupta, M.A., F.G.S.  
 Mr. E. Vredenburg, B.Sc., A.R.S.M.

The Secretary recommended that the appointments of the members of the office staff be confirmed.

#### RESOLVED—

That the appointments be confirmed.

Read the following Proceedings of the Board of Higher Studies in Applied Mathematics dated the 4th July, 1918:—

“Read an application from Babu Bhupendrachandra Das for an appointment in the chair of vacancy caused by Dr. Ganes Prasad having taken leave.

#### ORDERED—

To be recorded.

The following distribution of work was sanctioned for the session 1918-19:—

#### FIFTH-YEAR CLASS.

Statics	...	...	Mr. S. P. Das.
Dynamics of Particle	...	...	„ K. M. Khastgir.
Rigid Dynamics	...	...	„ N. M. Bose.
Spherical Astronomy	...	...	„ S. C. Kar.

#### SIXTH-YEAR CLASS.

Statics (Potential and Attraction)	...	...	Dr. D. N. Mallik.
Hydrostatics	...	...	Mr. H. C. Sengupta.
Hydrodynamics	...	...	„ N. R. Sen.
Advanced Astronomy	...	...	Dr. D. N. Mallik.
Lunar and Planetary Theories	...	...	Mr. B. B. Datta.
Elasticity	...	...	„ S. N. Bose.
Advanced Dynamics	...	...	„ N. M. Bose.
Figure of the Earth	...	...	„ M. N. Saha.
Theory of the Tides	...	...	Prof. S. K. Banerjee.

#### FIFTH-YEAR CLASS.

##### INTRODUCTORY LECTURES.

Vectors (5 lectures)	...	Dr. D. N. Mallik.
Integral Calculus and Differential Equations (10 lectures)	...	Mr. S. C. Kar.
Solid Geometry (15 lectures)	...	„ N. R. Sen.”

## RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Physics, dated the 4th July, 1918 :—

“The Board proceeded to consider the course of lectures to be delivered to Post-graduate students in the Fifth-year and Sixth-year Classes, 1918-19.

## RESOLVED—

That the following scheme of lectures be sanctioned :—

## FIFTH-YEAR CLASS, 1918-19.

## GENERAL LECTURES.

(A) *Electricity and Magnetism.*

Mr. D. B. Meek	... Electrostatics	15 lectures.
„ P. Mahalanabis	... Modern Electricity	15 lectures.
„ S. K. Acharyya	... Current Electricity and Magnetism	15 lectures.
A. Saha	... Electro Dynamics	15 lectures.

(B) *General Physics and Sound.*

Mr. J. C. Mookerjee	Sound	... 36 lectures.
Prof. S. K. Banerjee	Dynamics	... 12 lectures.
Mr. S. N. Bose	Capillarity, Elasticity, Viscosity, Molecular Physics.	... 12 lectures.

(C) *Light.*

Mr. D. B. Meek	.. Electro and Magneto Optics	... 15 lectures.
„ P. Mahalanabis	... Modern developments in Physical Optics	... 15 lectures.
„ P. N. Ghosh	... Geometrical Optics	... 15 lectures.
„ S. K. Mitra	... Physical Optics (the classical Theory)	... 15 lectures.

(D) *Heat.*

Mr. P. N. Ghosh	... Conduction of Heat	10 lectures.
„ S. K. Acharyya	... General Theory	... 30 lectures.
„ M. Saha	... Thermodynamics	... 20 lectures.

## SIXTH-YEAR CLASS, 1918-19.

## GENERAL LECTURES.

(A) *Electricity and Magnetism.*

Mr. A. Saha	... Electrodynamics	15 lectures.
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*(B) General Physics and Sound.*

Mr. J. C. Mookerjee	... Sound	... 15 lectures.
„ S. N. Bose	... Elasticity and Viscosity	... 6 lectures.

*(C) Light.*

Mr. P. Mahalanabis	... Modern developments in Physical Optics	... 15 lectures.
„ P. N. Ghosh	... Geometrical Optics	... 5 lectures.
„ S. K. Mitra	... Polarization	... 5 lectures.

*(D) Heat.*

Mr. S. K. Acharyya	... General Theory of Heat	... 6 lectures
„ M. Saha	... Thermodynamics	... 5 lectures.

There will be advanced lectures on the following topics ; each course will consist of not less than 24 lectures :—

*(A) Electricity and Magnetism.*

Dr. D. N. Mallik	History of the Theories of the Aether
Mr. P. Mahalanabis	Electron Theory.
„ S. K. Acharyya	Applied Electricity.
Prof. S. K. Banerjee	Electromagnetic Waves.
Mr. S. N. Bose	Relativity.
„ A. Saha	X Rays.
„ S. N. Majumdar	Recent advances in Magnetic Theory
„ C. C. Bhattacharyya	Radioactivity.

*(B) (1) General Physics.*

Dr. D. N. Mallik	... Theory of Potential.
Mr. S. N. Bose	... Molecular Physics.

*(2) Sound.*

Mr. J. C. Mukerjee	... Aerial Vibrations.
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*(C) Light.*

Mr. D. B. Meek	... Electro and Magneto Optics.
„ S. K. Mitra	... Spectroscopy.
„ M. Saha	... Quantum Theory.

*(D) Heat.*

Mr. P. N. Ghosh	... Conduction of Heat.
„ M. Saha	... Thermodynamics.

In the Fifth-year Class, every student will be required to attend all the lectures in Electricity and Magnetism and in the other subject selected by him.

In the Sixth-year Class, every student will be required to attend all the lectures in at least one of the several topics included under the head "Electricity and Magnetism," and in at least one of the topics included in the other subject selected by him.

RESOLVED ALSO—

That it be announced that at the M. A. and M.Sc. Examinations in Physics, in each subject the first paper will be devoted to questions of a general character and the second paper will contain questions of an advanced type.

RESOLVED—

That arrangements be made for delivery of the following courses of introductory lectures on Mathematics (attendance at these courses is optional):—

Dr. D. N. Mallik	... Vector Analysis	5 lectures.
Mr. D. B. Meek	... Differential Equations	5 "
„ S. N. Bose	... Higher Analysis	10 "
„ N. R. Sen	... Solid Geometry	5 "

The President laid on the table the Manuscript of an English Translation of Papers on the Theory of Relativity by Einstein and Minkowski, prepared by Mr. Meghnad Saha, and proposed that the translation be printed at the University Press in an edition of 750 copies and published by the University, for the benefit of Post-Graduate students in Science.

RESOLVED—

That the proposal be carried out."

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Chemistry, dated the 4th July, 1918:—

"The Board met to determine the distribution of work among the members of the staff for the session 1918-19.

RESOLVED—

That the following distribution of work be sanctioned: —

## FIFTH AND SIXTH-YEAR CLASSES.

### ORGANIC CHEMISTRY.

Dr. P. C. Mitter.
„ B. B. Dey.
„ R. L. Datta.
„ A. C. Sarkar.

## INORGANIC CHEMISTRY.

Dr. P. G. Ray.  
 Mr. B. B. Datta.  
 „ K. G. Naik.  
 „ P. B. Sarkar.

## PHYSICAL CHEMISTRY.

Mr. J. B. Bhaduri.  
 „ Jnanendranath Mukerjee.  
 „ Jnanendrachandra Ghosh.”

## RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Botany, dated the 4th July, 1918:—

“The Board met to determine the distribution of work among the members of the staff for the session 1918-19.

## RESOLVED—

That the following distribution of work be sanctioned:—

## FIFTH-YEAR CLASS.

General Morphology	...	Mr. S. C. Banerjee.
Histology	...	„ J. C. Nag.
Special Morphology and Classification	...	„ S. C. Banerjee.
Plant Physiology	...	{ „ S. N. Bal.
		{ „ J. C. Nag.

## SIXTH-YEAR CLASS.

Special Morphology and Classification	...	Mr. S. C. Banerjee.
Morphology of selected natural orders	...	Dr. P. Brühl.
Plant Physiology (continued)	...	{ Mr. S. N. Bal.
		{ „ J. C. Nag.
Organography	...	Dr. P. Brühl.
History of Botany	...	Dr. P. Brühl.
Plant Geography	...	{ Dr. P. Brühl.
		{ Mr. S. C. Banerjee.
Fossil Botany	...	Dr. P. Brühl.
Special lectures on Evolution and Oecology	...	Mr. S. C. Banerjee.
Economical Botany	...	„ S. N. Bal.”

## RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Physiology, dated the 4th July, 1918.

The Board met to determine the distribution of work among the members of the staff for the session 1918-19 :—

**RESOLVED—**

That the following distribution of work in Physiology be sanctioned:—

**FIFTH-YEAR CLASS.**

Physical Chemistry	...	Mr. S. C. Mahalanabis.
Studies in Immunity	...	„ S. C. Mahalanabis.
Chemical Physiology	...	„ N. C. Bhattacharyya.
Enzyme Action	...	„ N. C. Bhattacharyya.
Metabolism	...	„ N. C. Bhattacharyya.
Endocrinology	...	„ Narendramohan Bose.

**SIXTH-YEAR CLASS.**

Physiology of the Nervous System	...	Mr. S. C. Mahalanabis.
Physiology of the Sense Organs	{	„ Narendramohan Bose.
	„	„ S. C. Mahalanabis.
Studies in Circulation and Respiration	...	„ Nibaranchandra Bhattacharyya.
Physiology of Secretion	...	„ Nibaranchandra Bhattacharyya.
Physiology of Nerve and Muscle	„	„ Narendramohan Bose.
History of Physiology	...	Mr. S.C. Mahalanabis.'

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Geology, dated the 4th July, 1918 :—

“ The Board met to determine the distribution of work among the members of the staff for the session 1918-19.

**RESOLVED—**

That the following distribution of work be sanctioned :—

**FIFTH-YEAR AND SIXTH-YEAR CLASSES.**

Stratigraphy	...	Mr. Vredenburg.
Economic Geology	{	„ H. C. Dasgupta.
	„	„ Saratlal Biswas.
Crystallography	...	„ Saratlal Biswas.
	{	„ Vredenburg.
Palaeontology	...	„ H. C. Dasgupta.

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Chemistry, dated the 12th July, 1918 :—

"The Board met to settle the Time Table for the session 1918-19.

**RESOLVED—**

That over and above the general lectures which were delivered to the 5th-year students during the last session, additional general lectures together with special lectures be delivered to the 6th-year students during the current session.

**RESOLVED FURTHER—**

That lectures to the 5th-year Class during the current session be delivered on the same plan as in the last session."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher studies in Botany, dated the 19th July, 1918 :—

**RESOLVED—**

That the following Time-Table be sanctioned up to December 31st, 1918 :—

	12-1	1-4
Monday	... Mr. S. C. Banerjee (lecture)	Mr. S.C. Banerjee (Practical work)
Tuesday	... Do	Do
Wednesday	... Mr. J. C. Nag (lecture)	Mr. J. C. Nag. (Practical work)
Thursday	... Do	Do
	8-11	1-5.
Friday	... Mr. S. N. Bal (lecture & Practical work)	Mr. S. N. Bal. (lecture & Practical work)
Saturday	... Do	Do

Read a letter from Mr. S. C. Mahalanabis offering to deliver, in connection with Post-Graduate Teaching in Botany, a course of lectures on the Application of Physical Chemistry in Plant Physiology.

**RESOLVED—**

That the Board unanimously accept the offer of Mr. S. C. Mahalanabis to deliver a course of lectures on the Application of Physical Chemistry in Plant Physiology in January, 1919."

**RESOLVED—**

That the Proceedings be confirmed.

The Secretary reported that the bearer in the department of Applied Mathematics had resigned.



**RESOLVED—**

That Mr. S. K. Banerjee, Ghose Professor of Applied Mathematics, be authorised to appoint a suitable person.

The Secretary reported that Dr. Brühl had appointed a bearer in the department of Botany.

**RESOLVED—**

That the action taken be approved.

The Secretary stated that it was necessary to purchase a Typewriting machine for the office.

**RESOLVED—**

That the machine be purchased.

Read a Memo. No. 10592, dated the 24th June, 1918, from the Additional Under-Secretary to the Government of Bengal, Political Department, Special Intelligence Department Branch, forwarding copy of a petition from the father of Harischandra Sinha who passed the B.Sc. Examination in 1915 and was interned under the Defence of India Rules in February, 1916 and released in April, 1918, praying that his son may be permitted to resume his studies in the M.Sc. Class of the University.

**RESOLVED—**

That Harischandra Sinha be permitted to join the Sixth-year M.Sc. Class in Applied Mathematics.

Read an application from Surendranath Ghosh, a B.Sc. of the Allahabad University, for admission into the Chemistry Class of the Science College in order to read for the M.Sc. Examination of this University.

**RESOLVED—**

That the applicant be admitted when a seat falls vacant.

Read an application from Dhirendrakumar Sen, an M.Sc. of the Allahabad University requesting to be taken in the Science College in order to prepare himself for the Doctorate of this University.

**RESOLVED—**

That the applicant be informed that there is no arrangement for giving him instruction for the D.Sc. Examination.

Read an application from Mahabir Prasad, a B.Sc. of the Patna University, for admission to the 5th-year Class in Applied Mathematics.

**RESOLVED—**

That the application be granted.

Read a letter from the Joint Secretaries, Calcutta University Corps requesting the Executive Committee to grant concessions of College & Hostel fees to the students of Post-Graduate Classes who have joined the I. D. F.

**RESOLVED—**

(1) That the tuition fees be remitted for three months and if they have been already realised, they be refunded to this extent.

(2) That the Joint Secretaries be informed that all applications for remission of seat-rents in hostels and messes must be made to the Students' Residence Committee.

Read a letter from Mr. S. N. Bose, University Lecturer, asking for leave of absence for seven days owing to an attack of fever.

**RESOLVED—**

That the application be granted.

Read the following letters from Professor S. Maulik :—

211, PICADILLY,  
LONDON, W.I.  
*May 16, 1918.*

THE REGISTRAR,  
UNIVERSITY OF CALCUTTA.

SIR,

In presenting the estimates of the necessary appliances for the Zoological Department I beg leave to offer a few observations.

The list of articles in the enclosed estimate will give you an idea of the things required and their prices. Although I am enclosing my correspondence with two firms, I have visited and discussed things with almost all the Scientific instrument makers in London, and I shall buy the articles wherever I find them most economical for my purpose. Messrs. Baird and Tatlock, being general agents for all Scientific instruments, were asked to quote for everything, but this does not mean that I shall buy everything from them. They have,

as you will notice, quoted for photo-micro-graphic apparatus, but I have since seen other firms with regard to this, and I shall get an estimate, for a complete outfit for the photographic rooms, which will be sent on to you as soon as I receive it.

I understand some of the chemicals, like absolute alcohol (which will be used in large quantities) are now obtainable at Calcutta. I should like to have a list of things that can be had there. I should also like to know the voltage of the street mains at Calcutta; if I remember right, it is 200 volts. This is necessary for buying lamps for the projection lantern and the photographic rooms.

I wish to buy also some lantern and microscopic slides. Of course they will all be made by me in the laboratory, but some are necessary to start work with. These, as you will notice, I have not included in the list.

From the estimates for the Library and the present one and another for the photographic equipment (to follow soon) you will see that that about £ 600 will be required for the Library and the Laboratory excluding the furniture. If it is agreed to send me this sum I shall propose the following:—The National Bank of India who are the London agents for the Bank of Bengal, may be advised to give me credit for the amount, either by letter or wire. I shall make all disbursements by cheques from this fund as the articles are purchased. This will ensure a complete account being kept of the money. When everything is bought they will be carefully packed, fully insured for all risks, and despatched as soon as possible.

Lastly, I wish to add that I have visited Hearson's, Ross's, Baker's, Negretti & Zambra, Zeiss branch in London, and several other dealers in optical instruments for the microscopes, and I hope to select several good ones from these firms. I find Harrod's and Selfridge's optical department very convenient for picking up a good Zeiss or Leitz. The care necessary for a good selection of these instruments will, I assure you, be bestowed.

With the request that you will be so good as to place this before Sir Asutosh,

I am  
Sir,  
Respectfully,  
S. MAULIK.

211, PICADILLY, LONDON, W.

*24th May, 1918.*

To

THE REGISTRAR,

UNIVERSITY OF CALCUTTA.

SIR,

Enclosed is a letter I have written to the Spencer Lens Co. Buffalo, N. Y. U. S. A. Manufacturers of Microscopes. after examining many makes in the London market I consider the Stand I have selected suitable for my purpose. Should we come to closer business relations with this Company, I may have to inform you to cable them the order. In order that you may understand the situation I enclose a copy of my letter to them. It is to be understood that this is only one of the strings to my bow. In the event of negotiations with this firm falling through, I have got other firms to fall back on.

I have already written to you four letters including the estimates for the Library and the Laboratory.

Yours faithfully,

S. MAULIK.

211, PICADILLY, LONDON, W.

*27th May, 1918.*

To

THE REGISTRAR,

UNIVERSITY OF CALCUTTA.

SIR,

You will have noticed from the enclosures in my previous letter that the firms manufacturing scientific instruments are controlled by the Ministry of Munitions. The sale of microscopes, etc, is controlled by the Optical branch of the Ministry. A certificate from the Ministry is necessary if I wish to buy microscopes in the London market. I must prove I am authorised to buy them, other laboratory apparatus and glass-ware, for the Zoological Department of the University. It would be an advantage, in order to secure priority to emphasise the point that the goods are required for Government purposes.

I would request that you be kind enough to put the matter before Sir Asutosh and supply me with the necessary credentials. If the Spencer Lens Coy. of U. S. A. (my letter to you 24th

May) can supply the goods directly without much difficulty, so much the better. In any case, it would expedite matters if I am armed with the credentials.

Respectfully,  
S. MAULIK.

**RESOLVED—**

(1) That arrangements be made to place at the disposal of Prof. Maulik £600 for purchases for the Library and Laboratory of the Zoological Department. (The sum to be placed in the hands of the National Bank of India or some other London Bank.)

(2) That steps be taken to move the Ministry of Munitions to sanction the purchase of scientific instruments for the Zoological department by Prof. Maulik.

**RESOLVED—**

That the Secretary intimate to the Board of Accounts that provision would have to be made to meet the following expenditure on account of Post-Graduate Teaching in Science during the session 1918-19.

Teachers and Professors.....

(appointments already sanctioned by the Senate)...84,000

Professors of the Presidency College

(Balance due for 1917-18) ...20,400

Secretary 6,000

Office Assistants ... 2,520

Duftries & Bearers ... 504

Contingencies & Stationery,

(including Typewriting Machine) ... 1,000

Furniture ... 750

Books & Periodicals for lending Library ... 8,000

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1,23174

Note—This does not include the maintenance and equipment of the University Laboratories and workshop.

(Confirmed).

ASUTOSH MOOKERJEE,

*President.*

H. C. BANERJI,

*Secretary.*

# Proceedings of the Council of Post-Graduate Teaching in Science.

FOR THE YEAR 1918-19.

**No. 2.**

THE 12TH AUGUST, 1918.

**Present :**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President, in the Chair.*

Rai Chunilal Bose, Bahadur, M.B., F.C.S.	Dr. B. B. Dey, D.Sc., F.I.C.
Rai Abnaschandra Bose, Bahadur, M.A.	Babu Siteschandra Kar, M.A.
Dr. P. J. Brühl, D.Sc., F.C.S., F.G.S.	Babu Karunamay Khastagir, M.Sc.
Babu Jnanchandra Ghosh, M.A.	Babu Dwijendrakumar Majumdar, M.A.
Babu Susilkumar Acharyya, M.Sc.	Dr. D. N. Mallik, B.A., Sc.D., F.R.S.E.
Prof. Sudhansukumar Banerjee, M.Sc.	Dr. P. C. Mitter, M.A., Ph.D.
Babu Surendrachandra Banerjee, M.A.	Babu Jnanendranath Mookerjee, M.Sc.
Babu Jyotibhushan Bhaduri, M.A.	Babu Jogeschandra Mookerjee, M.A.
Babu Charuchandra Bhattacharyya, M.A.	Mr. K. G. Naik, M.A., B.Sc.
Babu Nibaranchandra Bhattacharyya, M.A.	Babu Abinaschandra Saha, M.Sc.
Babu Saratlal Biswas, M.Sc.	Dr. Anukulchandra Sarkar, M.A., Ph.D., F.G.S.
Babu Nalinimohan Bose, M.Sc.	Babu Pulinbihari Sarkar, M.Sc.
Babu Saradaprasanna Das, M.A.	Dr. J. Watt, M.A., D.D.
Babu Hemchandra Dasgupta, M.A., F.G.S.	Babu Jnanendrachandra Ghosh, M.Sc.
	Babu Bidhubhushan Datta, M.A.
	Dr. Rasiklal Datta, D.Sc.

The Council met to consider the Proceedings of the Executive Committee, dated the 25th July, 1918.

The President drew attention to the more important resolutions adopted by the Executive Committee.

Rai Bahadur Chunilal Bose moved that the Proceedings of the Executive Committee, dated the 25th July, 1918 be confirmed.

Dr. P. Brühl seconded the motion which was put to the vote and carried unanimously.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

H. C. BANERJI,

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Science

FOR THE YEAR, 1918-19.

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**No. 2.**

THE 12TH AUGUST, 1918.

**Present :**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc.  
Ph.D, *President, in the chair.*

Rai Abinaschandra Bose, Bahadur, M.A.	Dr. P. Brühl, D.Sc., I.S.O., F.C.S.,
Babu Jnanchandra Ghosh, M.A.	F.G.S.
Babu Saradaprasanna Das, M.A.	Mr J. C. Nag, B.Sc.
Dr. D. N. Mallik, B.A., Sc.D., F.R.S.E.	Babu Nibaranchandra Bhattacharyya,
Professor C. V. Raman, M.A.	M.A.
Babu Jyotibhushan Bhaduri, M.A.	Babu Hemchandra Dasgupta, M.A.,
Professor P. C. Mitter, M.A., Ph.D.	F.G.S.

Read the following Proceedings of the Board of Higher Studies in Applied Mathematics, dated the 2nd August, 1918 :-

“Babu Jnanchandra Ghosh proposed that the Hon'ble Sir Asutosh Mookerjee be elected as the Chairman of the Board of Higher Studies in Applied Mathematics for 1918-19.

Babu Satyendranath Bose seconded the proposal which was carried unanimously.

Resolved that the Time-Table annexed to these Proceedings be adopted.

Resolved that the following students be admitted to the Fifth-year Class as attached students of the Presidency College :—

1. Suddhodan Ghosh.
2. Sudhirkumar Majumdar.
3. Pulinbihari Ghosh.

4. Nripendranath Majumdar.
5. Kamadananda Mookerjee.
6. Kiranchandra De.
7. Jatindranath Sengupta.
8. Mahabir Prasad.
9. Jogananda Baksi.
10. Chandrasekhar Purkayastha.

Resolved that the following students be admitted to the Fifth-year Class as attached students of the University College of Science :—

1. K. Rangachari.
2. Susilananda Sen.
3. Basantakumar Datta.
4. Anukulchandra Sen.
5. Hrideschandra Deb.
6. Prafullakumar Ghosh.
7. Kalipada Lahiri.
8. Asutosh Datta.
9. Dhirendranath Mitra.
10. Sudhirkrishna Ghosh.
11. Karra Suryanarayan.
12. S. Abdur Rahim.
13. Manilal Lala.
14. Adharchandra Sen.
15. Sureschandra Das.
16. A. F. Mujibar Rahman.”

#### RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Physics, dated the 2nd August, 1918 :—

“Babu Jnanchandra Ghosh proposed that the Hon’ble Sir Asutosh Mookerjee be elected as the Chairman of the Board of Higher Studies in Physics for 1918-19.

Babu Phanindranath Ghosh seconded the motion which was carried unanimously.

Resolved that the Time-Table annexed to these Proceedings be adopted.

#### RESOLVED THAT—

(a) The following students be, if permitted by the Principal of the Presidency College, attached to that College :—

1. Gholam Merajuddin.
2. Harendranath Mitra.



3. Purnendubhushan Sinha.
4. Matishchandra Banerjee.
5. Anilkrishna Sarkar.
6. Jagadindranath Lahiri.
7. D. Venkata Subharayudu.
8. Jogananda Bakshi.
9. Upendrakumar Ray.
10. Prafullachandra Sen.
11. Tripuraprasanna Ganguli.
12. Sailendranath Mitra.
13. Kuladiprasad Chaudhuri.
14. Sasibhushan Mali.
15. Radhakrishna Das.
16. Hirendralal Mitra.
17. Jnanadakanta Nag.

(b) If any of these students be not attached to the Presidency College, he will, if he so desires, be attached to the University College of Science. Amongst these, if Hirendralal Mitra is attached to the University College of Science, he will be taken in as a free student.

(c) The following students be attached to the University College of Science :—

1. Sisirkumar Datta.
2. Sachchidananda Mookerjee.
3. Prafullachandra Bagchi.
4. Manindranath Rudra.
5. Abanikumar Banerjee.

(d) The following students be admitted to the University College of Science in the order named below, the maximum number of all the students admitted being 18 :—

1. Sanjibchandra De.
2. Chandraabinod Banerjee.
3. Panchanan Barik.
4. Manilal Laha.
5. Suryyanarayan Bakshi.
6. Jnanachandra Mitra.
7. Biswanath Bose.
8. Yatiswar Sinha.
9. Tripuraprasanna Ganguli.
10. Bhupendranath Banerjee.
11. Lakshmohan Ghosh.
12. Sudhansukumar Guha.
13. Jogesha Chandra Dighal.
14. H. Min.

15. Surendranath Ray.
16. Kartikchandra Mallik.
17. Maung Pu.
18. Bijaypati Ray.
19. Samarendrachandra Bhattacharyya."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Chemistry, dated the 22nd July, 1918:—

"The Board met to select candidates for admission to the Fifth-year Class in Chemistry.

Resolved that the following twenty-two candidates be admitted to the Fifth-year Class in Chemistry, and be attached to the Colleges noted against their names:—

1. Indubhushan Sarkar	...	Presidency College.
2. Gopalchandra Banerjee	...	do.
3. Annadaprasad Chowdhuri	...	do.
4. Subodhkumar Bhattacharyya	...	do.
5. Haripada Chatterjee	...	do.
6. Gopalchandra Chakravarty	...	do.
7. Jatindranath Biswas	...	do.
8. Bhupendranarayan Paul	...	do.
9. Brojokishore Banerjee	...	do.
10. Rabindranath Das	...	do.
11. Jnanendrakumar Adhya	...	do.
12. Sadhu Saran	...	do.
13. Pareschandra Banerjee	..	University College of Science.
14. Dhireslobhan Sen	...	do.
15. Krishnapada Mallik	...	do.
16. Sudhirkumar Banerjee	...	do.
17. Ganeschandra Mitra	...	do.
18. Raghunath Singha	...	do.
19. Sudhirranjan Guha Thakurtha	...	do.
20. Digendranath Gupta	...	do.
21. Basantakumar Ghosh	...	do.
22. Kanakkanti Mitra	...	do.

Resolved also that the following six candidates arranged in order of merit be declared eligible for admission in case any candidate selected above does not join within one week from the date of receiving intimation of selection:—

1. Prabodhchandra Datta	Graduated from Cotton College.
2. Bhupendranath Banerjee	do. Presidency College.
3. Sambhunath Pal	do. do. do.
4. Binayendranath Ghosh	do. Krishnath College. (Berhampur)
5. Sachindranath Goswami	do. Vidyasagar College.
6. Nagendranath Datta	do. Rajsahi College."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Botany, dated the 7th August, 1918:—

“The Board proceeded to elect its Chairman for the session 1918-19.

The following two names were proposed and seconded.

(1) Mr. S. C. Mahalanabis—proposed by Babu Nibaran-chandra Bhattacharyya, seconded by Babu Surendrachandra Banerjee.

(2) Dr. P. Brühl—proposed by Mr. S. N. Bal, seconded by Mr. S. C. Mahalanabis.

On a ballot being taken, it was found that Mr. S. C. Mahalanabis got three votes and Dr. P. Brühl got two votes. Mr. S. C. Mahalanabis was declared elected as the Chairman of the Board of Higher Studies in Botany for the session 1918-19.

RESOLVED—

(a) That the following students be admitted to the Fifth-year Class in Botany and attached to the Presidency College:—

1. Basantakumar Das.
2. Rancndranath Bose.
3. Prabhatchandra Sarbadhikari.
4. Manindrabinod Datta.

(b) That the following student be admitted to the 5th-year Class in Botany and attached to the University College of Science:—

1. Hiranlal Sen.

Read a note from Mr. J. C. Nag and Mr. S. N. Bal regarding distribution of work.

ORDERED—

“To be recorded.”

RESOLVED—

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Physiology, dated the 7th August, 1918.

“Mr. J. C. Nag proposed that Mr. S. C. Mahalanabis be elected as the Chairman of the Board for the session 1918-19.

Mr. N. C. Bhattacharyya seconded the proposal.

**RESOLVED—**

That Mr. S. C. Mahalanabis be elected to be the Chairman of the Board of Higher Studies in Physiology for the session 1918-19.

**RESOLVED—**

That the following students be admitted to the 5th-year Physiology Class and be attached to the Presidency College :—

1. Charuchandra Sanyal.
2. Jatindranath Dasgupta.
3. Nagendranath Das.
4. Prasantakumar Mookerjee.
5. Jogendranath Maitra.
6. Kamakhyanath Datta."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Geology, dated the 31st July, 1918.

"Babu Hemchandra Dasgupta proposed that Mr. E. Vredenburg be elected as the Chairman of the Board of Higher Studies in Geology for the session 1918-19.

Babu Saratlal Biswas seconded the proposal.

**RESOLVED—**

That Mr. E. Vredenburg be elected to be the Chairman of the Board for the session 1918-19."

**RESOLVED—**

That the Proceedings be confirmed.

"Read the following Proceedings of the Board of Higher Studies in Chemistry, dated the 1st August, 1918.

Dr. P. C. Mitter proposed that Dr. P. C. Ray be elected as the Chairman of the Board of Higher Studies in Chemistry for the session 1918-19.

Mr. K. G. Naik seconded the proposal.

**RESOLVED—**

That Dr. P. C. Ray be elected as the Chairman of the Board for the session 1918-19."

**RESOLVED—**

That the Proceedings be confirmed.

The Secretary reported that under instructions from the President he had arranged to place his Office staff at the disposal of the Controller of Examinations for the conduct of the M.A. and M.Sc. Examinations and that he himself would assist the Controller as far as necessary.

**RESOLVED—**

That the action of the Secretary be approved.

The Secretary reported that no nominations had been received for the co-option of members of the Board of Higher Studies in Physics.

**ORDERED—**

To be recorded.

The Secretary enquired what arrangements were to be made for the tabulation of the results of the M.A. and M.Sc. Examinations, 1918.

**RESOLVED—**

That the undermentioned members of the Board of Examiners be appointed Honorary Tabulators in the several subjects mentioned :—

Applied Mathematics.		{	Babu Saradaprasanna Das.
		{	Babu Nalinimohan Bose.
Physics	...	{	Babu Dwijendrakumar Majumdar.
		{	Babu Susilkumar Acharyya.
Chemistry	...	{	Mr. K. G. Naik.
		{	Babu Bidhubhushan Datta.
Physiology, Botany and Geology.		{	Babu Hemchandra Dasgupta.
		{	Babu Nibaranchandra Bhatta- charyya.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

H. C. BANERJI,

*Secretary.*

# **Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Science.**

**No. 3.**

THE 20TH AUGUST, 1918.

**Present:**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.,  
*President, in the Chair.*

Rai Abinashchandra Bose, Bahadur, M.A.	Professor P. C. Mitter, M.A., Ph.D.
Babu Jnanchandra Ghosh, M.A.	Mr. J. C. Nag, B.Sc.
Dr D. N. Mallik, B.A., Sc D., F.R.S.E.	Mr. S. C. Mahalanobis, B.Sc., F.R.S.E.
Babu Saradaprasanna Das, M.A.	Babu Hemchandra Dasgupta, M.A., F.G.S.
Professor C. V. Raman, M.A.	Mr. E. Vredenburg, B.Sc., A.R.S.M.
Babu Jyotibhushan Bhaduri, M.A.	

Read the following Proceedings of the Board of Higher Studies in Physics, dated the 20th August, 1918:—

“The Board met to appoint Examiners for examining the following theses submitted by two M.Sc. candidates:—

1. On the Magnetic behaviour of Nickel Coherer.  
(Sasankasekhar Mookerjee).
2. Behaviour of Coherers in Magnetic Fields.  
(Purnachandra Biswas).

**RESOLVED—**

That Mr. D. B. Meek and Professor C. V. Raman be appointed to examine the two theses.

Read a letter from the Principal, Dacca College, addressed to the Registrar regarding the temporary appointment of Babu Surendranath Ghosh, M.A., as University Lecturer, in the place of Mr. W. A. Jenkins, placed on military duty.

That the Board report to the Syndicate under Section 25 of Chapter XI of the Regulations that Babu Surendranath Ghosh, M.A., be appointed a University Lecturer in Physics at Dacca for two years.”

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Chemistry, dated the 20th August, 1918:—

“The Board met to co-opt under Section 19 (c) of Chapter XI of the Regulations not more than two members from amongst those engaged in Post-Graduate Teaching in Chemistry in places outside Calcutta.

• The undermentioned gentlemen had been duly proposed for election:—

Rai B. N. Das Bahadur.

Mr. B. K. Singh.

The gentlemen proposed were elected.

Read a letter from Mr. K. G. Naik resigning his appointment as University Lecturer with effect from September 1st.

**RESOLVED—**

That the resignation of Mr. K. G. Naik be accepted.

**RESOLVED—**

That the Board recommend that Babu Piyadarajan Ray, M.A., Gold Medalist, 1911, now Professor, City College be appointed University Lecturer in Chemistry for a term of three years with effect from 1st September next on a salary of Rs. 250 a month; and the Board further recommend that the Governing Body of the Sir Taraknath Palit Trust be approached with a request to appoint him Assistant Professor for the same term, his salary to be paid out of the Palit Trust Fund, as in the case of Mr. K. G. Naik.

The Secretary reported that Sarojkumar Raychaudhuri had not joined the 5th-year Chemistry Class.

Read an application from Poona Appaji Rao, B.Sc., praying that he may be permitted to join the 5th-year Class in Chemistry in the University College of Science.

**RESOLVED—**

That as a special case, not to be treated as a precedent, the application be granted.

**RESOLVED—**

That the following gentlemen be appointed to examine the theses submitted by the M.Sc. candidates in Chemistry:—

Mr. Jyotibhushan Bhaduri—

“On Metallic Arsenates and Phosphates; Molecular Volumes of some Arsenates.” (Lilananda Gupta).

Dr. P. C. Mitter—

1. "On Replacement of Sulphonic group by Halogens and the preparation of Haloid Derivatives." (Jagadischandra Bhaumik).

2. Part I. "Modification of Triedal Crafts Reaction"

Part II. "Catalytic action of Iodine in Sulphonation."  
(Jnanendranath Ray).

3. "Syntheses of Coumar Pyridines". (Mahendranath Goswami).

4. Part I. "Condensation with Desoxybenzion."

Part II. "Optical activity and position of Isomerism"  
(Jatindrakumar Majumdar)."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Chemistry, dated the 13th August, 1918 :—

"The Board met to consider the cases of some candidates for admission to the 5th-year Class.

**RESOLVED—**

That Gopalchandra Chakrabarti be attached to the University College of Science.

That the following two Assamese candidates be admitted to the 5th-year Class and attached to the Presidency College :—

1. Prabodhechandra Datta.
2. Jitendranath Sen.

That Bhupendranath Banerjee be admitted and attached to the Presidency College to fill up the vacancy caused by Sadhu Saran not joining in time.

Dr. P. C. Mitter moved, that Sarojkumar Raychaudhuri be admitted to the 5th-year Class and attached to the College of Science as an extra student on his paying Rs. 30 a month as tuition fee.

Babu Jnanendranath Mookerjee seconded the motion which was put to the vote and carried."

**RESOLVED—**

That the Proceedings be confirmed.

Read the following Proceedings of the Board of Higher Studies in Geology, dated the 8th August, 1918.



**“RESOLVED—**

That the following students be admitted to the 5th-year Class in Geology and attached to the Presidency College :—

1. Manindranath Ray.
2. Jyotischandra Gupta.
3. Sajanimohan Mallik.
4. Charuchandra Ray.”

**RESOLVED—**

That the Proceedings be confirmed.

The following dates were fixed for submission of marks by the M.A. and M.Sc. Examiners, 1918 :—

- |                        |                       |
|------------------------|-----------------------|
| 1. Applied Mathematics | 10th September, 1918. |
| 2. Physics             | 17th September, 1918. |
| 3. Chemistry           | 24th September, 1918. |
| 4. Botany              | 10th September, 1918. |
| 5. Physiology          | 15th September, 1918. |
| 6. Geology             | 10th September, 1918. |

The Secretary submitted two bills from Messrs. Cambray & Co., for Rs. 522-11 on account of books supplied to the Botanical and Biological Departments.

**RESOLVED—**

That the bills be paid.

Dr. P. C. Mitter was appointed Honorary Tabulator in Chemistry in place of Mr. K. G. Naik, resigned.

(Confirmed.)

ASUTOSH MOOKERJEE,

*President.*

H. C. BANERJI,

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Science

FOR THE YEAR, 1918-19.

## No. 4

THE 5TH SEPTEMBER, 1918.

### Present :

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph D.—

*President, in the Chair.*

Rai Bahadur Abinashchandra Bose, M.A.	Dr. P. Brühl, D.Sc., I.S.O., F.C.S., F.G.S.
Babu Jnanachandra Ghosh, M.A.	Mr. J. C. Nag, B.Sc.
Babu Saradaprasanna Das, M.A.	Babu Nibaranchandra Bhattacharyya, M.A.
Professor C. V. Raman, M.A.	Babu Hemchandra Dasgupta, M.A., F.G.S.
Babu Jyotibhushan Bhaduri, M.A.	Mr. E. Vredenburg, B.Sc., A.R.S.M.
Professor P. C. Mittel, M.A., Ph D.	

The Secretary placed on the table applications for Free-Studentships, and stated that he had interviewed all the applicants.

### RESOLVED—

That, as a general rule, the following principles be applied in the award of free-studentships :

(A) The award of free-studentships to Fifth-year students during the session 1918-19, do take effect, only when they comply with the following conditions :—

(a) Students who have already joined a Law College must forthwith withdraw their names from the Law College and sign a declaration that they have done so.

(b) Students must sign a declaration that so long as they hold a free-studentship, they will not join a Law College.

(B) Every free-student, whether in the Fifth-year or the Sixth-year Class, must produce before the Secretary, at stated times a certificate from his Professors that he has been diligent in his studies and has been regular in attendance at lectures and in tutorial or laboratory work. If he fails to produce a satisfactory certificate, the free-studentship awarded to him will be withdrawn.

**RESOLVED FURTHER—**

That on the above basis free-studentships be granted to the students named in the list signed by the President.

**RESOLVED ALSO—**

That before the commencement of the next session, 1919-20, it be notified that applications for free-studentships in the Post-Graduate Classes, will not be entertained if they are made by students who are about to join or have joined a Law College.

Read a letter from Babu Meghnad Saha suggesting that certain books on the Figure of the Earth be purchased for the Library.

**RESOLVED—**

That arrangements be made to procure the books (other than periodicals).

The Secretary submitted one bill from Messrs. Cambray & Co. for Rs. 196-14 on account of books supplied to the Botanical Laboratory.

**RESOLVED—**

That the bill be paid.

Read a letter from Professor Satischandra Ray about Mr. S. Maulik, University Professor of Zoology.

**RESOLVED—**

That ₹ 10 a month be remitted to Professor Maulik for four months, to be deducted from his salary later.

The Secretary recommended an increase of pay of Re. 1 to two bearers and one dufftri of his office as War allowance.

**RESOLVED—**

That the increase be sanctioned from 1st July, 1918.

**RESOLVED—**

That the salaries of the Secretary's Office Establishment for October, 1918 be paid in advance before the commencement of the Puja Vacation.

(Confirmed).

ASUTOSH MOOKERJEE,  
*President.*

H. C. BANERJI,  
*Secretary.*

# Proceedings of the Council of Post-Graduate Teaching in Science.

FOR THE YEAR 1918-19.

## No 3.

THE 11TH SEPTEMBER, 1918.

*Present*

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I. M.A. D.L. D.Sc. Ph.D.,  
*President, in the Chair*

Rai Abinashchandra Bose, Bahadur, M.A.	Babu Bibhutibhushan Datta, M.Sc.
Rai Chuni Lal Bose Bahadur. M.B., F.C.S.	Dr. B. B. Dey, D.Sc., F.I.C.
Dr. Suresprasad Sarbadhikari, B.A., M.D.	Babu Jnanendrachandra Ghosh, M.Sc.
Babu Jnanachandra Ghosh, M.A.	„ Karunamay Khastagir, M.Sc.
„ Susilchandra Acharyya, M.Sc.	Dr. D. N. Mallik, B.A., Sc.D., F.R.S.E.
Prof. Sudhansukumar Banerjee, M.Sc.	Dr. P. C. Mitter, M.A., Ph.D.
Babu Surendrachandra Banerjee, M.A.	Babu Sisirkumar Mitra, M.Sc.
„ Jyotibhushan Bhaduri, M.A.	„ Jnanendranath Mookerjee, M.Sc.
„ Saratlal Biswas, M.Sc.	„ Jogeschandra Mookerjee, M.A.
„ Nalinimohan Bose, M.Sc.	„ Abinashchandra Saha, M.Sc.
„ Saradaprasanna Das, M.A.	„ Moghnad Saha, M.Sc.
„ Hemchandra Dasgupta, M.A., F.G.S.	„ Pulinbehari Sarkar, M.Sc.
	„ Nikhilranjan Sen, M.A.
	„ Hemchandra Sengupta, M.A.

The Council met to consider the Proceedings of the Executive Committee, dated the 12th and 20th August, and the 5th September, 1918, printed copies of which had been previously circulated to all the Members.

The President drew attention to the more important resolutions adopted by the Executive Committee.

Dr. P. C. Mitter moved that the Proceedings of the Executive Committee, dated the 12th August, 1918, be confirmed.

Rai Bahadur Chunilal Bose seconded the motion which was put to the vote and carried unanimously.

Rai Bahadur Chunilal Bose moved that the Proceedings of the Executive Committee, dated the 20th August, 1918 be confirmed.

Babu Surendrachandra Banerjee seconded the motion which was put to the vote and carried unanimously.

Rai Bahadur Chunilal Bose moved that the Proceedings of the Executive Committee, dated the 5th September, 1918 be confirmed.

Dr. P. C. Mitter seconded the motion which was put to the vote and carried unanimously.

(Confirmed.)

ASUTOSH MOOKERJEE,

H. C. BANERJEE,

*President.*

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Science.

FOR THE YEAR 1918-19.

**No 5.**

THE 14TH SEPTEMBER, 1918.

**In circulation**

Read the report of the Board of Examiners in Botany for the M.A. and M.Sc. Examinations, 1918.

**RESOLVED—**

That the report be confirmed.

Read the report of the Board of Examiners in Geology for the M.Sc. Examination, 1918.

**RESOLVED—**

That the report be confirmed.

**RESOLVED FURTHER—**

That the following list of successful candidates be published :—

## **M.A. Examination, 1918.**

**BOTANY.**

**CLASS III.**

Datta, Sarojini . . . Non-Collegiate Student.

## **M.Sc. Examination, 1918.**

**BOTANY.**

**CLASS I.**

Bagchi, Krishnadas. . . Non-Collegiate Student.

**CLASS II.**

*(In order of merit).*

Chaudhuri, Haraprasad . . . University Student (Presidency College).

Bandyopadhyay, Kantigopal . . . Ditto.

## **M.Sc. Examination, 1918.**

**GEOLOGY.**

**CLASS II.**

Kay, Srikumar . . . Non-Collegiate Student  
(Confirmed.)

**ASUTOSH MOOKERJEE,**

**H. C. BANERJI,**

*President.*

*Secretary.*

# Proceedings of the Executive Committee of the Council of Post-Graduate Teaching in Science.

FOR THE YEAR 1918-19.

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**No. 6.**

THE 2J<sup>TH</sup> SEPTEMBER, 1918.

**Present:**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L.,  
D.Sc, Ph.D., *President in the Chair*

Rai Bahadur Abinashchandra Bose, M.A.	Babu Jyotibhushan Bhaduri, M.A.
	Professor P. C. Mitter, M.A., Ph.D.
The Honble Sir Nilratan, Sircar, Kt., M.A., M.D.	Babu Nibaranchandra Bhattacharyya, M.A.
Babu Jnanchandra Ghosh, M.A.	Babu Hemchandra Dasgupta, M.A.,
Dr. D. N. Mallik, B.A., Sc.D, F.R.S.E.	F.G.S.
Babu Saradaprasanna Das, M.A.	Mr. E. Vredenburg, B.Sc., A.R.S.M.

Read the following Proceedings of the Board of Higher Studies in Physics, dated the 9th September, 1918.

“Considered the proposal by Professor C. V. Raman, seconded by Professor S. K. Banerjee :

That Birendranath Sengupta be admitted as a special case, to the 5th-year Physics Class, and attached to the University Science College.

**RESOLVED—**

That the proposal be accepted.”

**RESOLVED—**

That the Proceedings be confirmed.

Read a letter from the Registrar forwarding an extract from the Proceedings of the Library Executive Committee regarding subscription to "Abstracts of Bacteriology."

RESOLVED—

That the question be referred to the Boards of Higher Studies in Botany and Physiology.

Read a letter from the Registrar on the subject of purchasing an important serial "Annales de Chemie".

RESOLVED—

That the matter be referred to the Board of Higher Studies in Chemistry.

The Secretary submitted (1) a bill from Messrs Cambray und Co., amounting to Rs. 3995-5-9 for books supplied to the Chemical Laboratory, (2) a bill from Messrs Cambray and Co., amounting to Rs. 398-4-0 for books supplied to the Botanical Laboratory.

RESOLVED—

That the bills be paid.

The Secretary requested sanction for the payment of salaries of University Lecturers and Secretary for October in advance before the commencement of the Puja Vacation.

RESOLVED—

That the payments be made as on previous occasions.

The Secretary enquired whether refund of fees already paid can be allowed to students who have now been awarded free-studentships for the year 1918-19.

RESOLVED—

That the fees, if any, paid for the period covered by the award of free-studentships be reuinded.

The Secretary requested that the pay of the bearer appointed by Dr. Bruhl for the Botanical Laboratory be sanctioned at Rs. 12 a month.

RESOLVED—

That the amount be sanctioned as requested.

The Secretary reported that he had purchased for his Office furniture worth Rs. 100.



**RESOLVED—**

That the bills be paid.

Read an application from some students that the classes might be suspended on the 3rd October to enable them to sit for the Scholarship Examination in the University Law College.

**RESOLVED—**

That the application be refused.

The Secretary submitted a bill for Rs. 54-4-0 from Messrs. K. L. Bose & Co., for furniture supplied for the Applied Mathematics Department.

**RESOLVED—**

That the bill be paid.

Read a letter from the Honorary Joint-Secretaries, Calcutta University Corps, requesting contribution in aid of the work of the Corps.

**RESOLVED—**

That the Secretaries be informed that the Executive Committee regret that the funds placed at their disposal for specific purposes by the Senate cannot be applied by them on any other object.

Read the reports of the Boards of Examiners for the M.A. and M.Sc. Examinations in the following subjects :—

- (1) Applied Mathematics.
- (2) Physics.
- (3) Chemistry.
- (4) Physiology.

**RESOLVED—**

That the reports be confirmed.

**RESOLVED FURTHER—**

That the recommendation of the Board of Examiners in Chemistry to the effect that Jagadischandra Bhaumik and Jnanendranath Ray be not permitted to offer at any future Examination, the theses submitted by them at the recent Examination, be approved.

## RESOLVED ALSO—

That the following list of successful candidates be published :—

## M. A. EXAMINATION, 1918.

## MIXED MATHEMATICS.

## Class I.

(In order of merit.)

Gangopadhyay, Anilendranath	Non-Collegiate Student	
† Ghose, Jyotirmay	University Student	(Presidency College)
Lahiri, Abanikanta	Ditto	
Bandyopadhyay, Satyakison	Ditto	

## Class II.

Biswas, Krishnachandra	University Student	(Presidency College)
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## Class III

(In order of merit.)

Chaudhuri, Harischandra	University Student	(Presidency College)
Raut, Bhima	Non-Collegiate Student	

## M. Sc. EXAMINATION, 1918.

## MIXED MATHEMATICS.

## Class I.

(In order of merit.)

Seu, Nipendranath	University Student	(Presidency College)
✓ Dasgupta, Sasadhar	...	Ditto
Sarkar, Hrishikes	University Student	(College of Science)
Das, Panchanan	University Student	(Presidency College)
Chakrabati, Khagendranath	...	Ditto
Sarkar, Sachindranath	...	Ditto
Datta, Bijenchandra	...	Ditto
Chaudhuri, Jatindranath	University Student	(College of Science)
Raychaudhuri, Anilchandra	University Student	(Presidency College)

## Class II.

(In order of merit.)

Dasgupta, Ajaychandra	University Student	(College of Science)
Majumdar, Subodhchandra	University Student	(Presidency College)
Gupta, Dharendra Kumar	Non-Collegiate Student	

## Class III.

Das, Harihar	Non-Collegiate Student	
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**M. A. EXAMINATION, 1918.****PHYSICS (C)***Electricity and Magnetism and Light***Class I.**

Chattopadhyay, Jogeswar	...	University Student	(College of Science.)
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**M. Sc. EXAMINATION, 1918.****PHYSICS (A)***Electricity and Magnetism and Thesis.***Class I**

Mukhopadhyay, Sasankasekhar	.	Non-Collegiate Student.
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**Class II.**

Biswas, Purnachandra	..	University Student	(Presidency College.)
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**PHYSICS (C)***Electricity and Magnetism and Light***Class I.***(In order of merit.)*

Ray Satsichandra	...	Non-collegiate Student	(Presidency College.)
„ Bidhubhushan	.	Ditto.	

**Class II.***(In order of merit )*

Sanyal, Krishnalal	University Student	(Presidency College.)
Bandyopadhyay, Surendranath	University Student	(College of Science.)
Chattopadhyay, Nutbihari	University Student	(Presidency College.)
Basu, Nagendranath	Non-Collegiate Student	
Data, Kiranranjan	Ditto.	
Guha, Amarendrachandra	University Student	(Presidency College.)
{ Brahma, Surendranath	Ditto.	
{ Ghosh, Kalipada	University Student	(Dacca College.)
Sinhasarma, Sudhindrachandra	University Student	(Presidency College.)
Ray, Satyaban	Non-Collegiate Student.	
Bandyopadhyay, Jyotirmay	University Student	(College of Science.)
Samanta, Gangadhar	...	Ditto. Presidency College.
Sarkar, Binaybihari	...	Ditto. Ditto.

**Class III.**

Sar, Brajendrakumar	...	University Student	(Presidency College.)
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## PHYSICS (D)

*Electricity and Magnetism and Heat.*

## Class I.

(In order of merit.)

Chakrabarti, Sudhakar	..	University Student (College of Science.)
Basu, Narayandas	..	Ditto.

## M.A. EXAMINATION, 1918.

## CHEMISTRY (C).

*Organic Chemistry (Thesis).*

## Class I.

Goswami, Mahendranath	...	University Student (Presidency College)
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## CHEMISTRY.

(General.)

## Class II.

Guha, Rabindranath	..	Non-Collegiate Student
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## M.Sc. EXAMINATION, 1918.

## CHEMISTRY (C).

*Organic Chemistry (Thesis).*

## Class I.

Majumdar, Jatindrakumar	..	University Student (Dacca)
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## CHEMISTRY.

(General)

## Class I.

Ghosh, Subodhkumar	..	University Student (Presidency College)
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## Class II.

(In order of merit.)

Sinha, Ranimohan	...	Non-Collegiate Student
Mahanti, Gurucharan	...	University Student, (Presidency College)
{ Mukhopadhyay, Sitalchandra	..	Ditto
{ Gangopadhyay, Kanailal	..	University Student (Dacca)
Bandyopadhyay, Bholanath	...	University Student (Presidency College)

## Class III.

(In order of merit.)

Das, Satyaranjan	University Student	(College of Science)
Ray Gopalchandra	University Student	(Dacca)
Gupta Dwijendranath	University Student	(College of Science)

## M. Sc. EXAMINATION, 1918.

## PHYSIOLOGY.

## Class II.

(In order of merit.)

Prasad, Badrinarayan	University Student	(Presidency College)
Saha, Kisoriprasad	Ditto	
Sen, Binodbihari	Ditto	
Sarkar, Bijalibihari	Non-Collegiate Student	
Datta, Nagendranath	University Student	(Presidency College)

## M. A. and M. Sc. Examinations, 1918.

Subject.	Number Registered.	Number absent.	1st Class.	2nd Class.	3rd Class.	Number failed.
<b>M. Sc.</b>						
Mixed Mathematics	23	1	9	3	1	9
Physics	33	3	5	14	1	10
Chemistry	21	2	2	5	3	9
Botany	7		1	2	..	4
Physiology	6			5	..	1
Geology	2			1	..	1
<b>M. A.</b>						
Mixed Mathematics	14	4	4	1	2	3
Physics	3	1	1		..	1
Chemistry	3	..	1	1	..	1
Botany	1	..	..	..	1	..

(Confirmed.)

ASUTOSH MOOKERJEE,

President.

H. C. BANERJI,

Secretary.

# Proceedings of the Council of Post-Graduate Teaching in Science.

**No. 4.**

THE 2ND OCTOBER, 1918.

**Present :**

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D.  
*THE President, in the Chair.*

Rai Bahadur Abinashchandra Bose, M.A.	Babu Abinashchandra Saha, M.Sc.
Dr. Suresprasad Sarbadhikari, B.A., M.D.	Babu Saratlal Biswas, M.Sc.
Babu Juanchandra Ghose, M.A.	Babu Nalinimohan Basu, M.Sc.
Babu Susilkumar Acharyya, M.Sc.	Babu Hemchandra Dasgupta, M.A., F.G.S.
Mr. S. N. Bal, M.Sc.	Babu Bidhubhushan Datta, M.A.
Babu Surendrachandra Banerjee, M.A.	Dr. B. B. Dey, D.Sc., F.I.C.
Babu Charuchandra Bhattacharyya, M.A.	Babu Jnanendrachandra Ghosh, M.Sc.
Babu Nibaranachandra Bhattacharyya, M.A.	Phanindranath Ghosh, M.A.
Babu Dwijendrakumar Majumdar, M.A.	Babu Karunamay Khastagir M.Sc.
Dr. P. C. Mitter, M.A., Ph.D.	Babu Meghnad Saha, M.Sc.
Babu Sisirkumar Mitra, M.Sc.	Dr. Anukulchandra Sarkar, M.A., Ph.D.
Babu Jogeschandra Mookerjee, M.A.	F.G.S.
Mr. J. C. Nag, B.Sc.	Babu Palinbihari Sarkar, M.Sc.
	Babu Nikhilaranjan Sen, M.A.
	Babu Hemchandra Sengupta, M.A.

The Council met to consider the Proceedings of the Executive Committee dated the 14th and 27th September, 1918, printed copies of which had been previously circulated to all the members.

The President drew attention to the more important recommendations of the Executive Committee.

Dr. P. C. Mitter moved that the Proceedings of the Executive Committee dated the 14th September (annexed herewith) be confirmed.

Mr. Hemchandra Dasgupta seconded the motion which was put to the vote and carried unanimously.

Dr. P. C. Mitter moved that the Proceedings of the Executive Committee dated the 27th September (annexed herewith) be confirmed.

Mr. Hemchandra Dasgupta seconded the motion which was put to the vote and carried unanimously.

(Confirmed)

ASUTOSH MOOKERJEE,  
*President.*

H. C. BANERJI,  
*Secretary.*

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